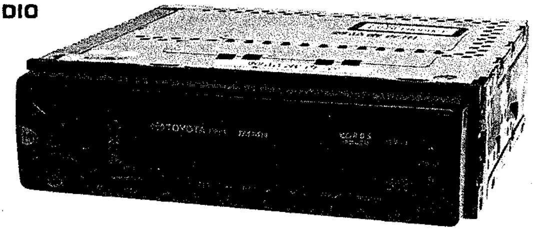
TOYOTA

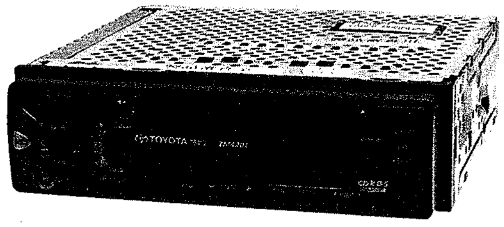
AUDIO COMPONENT SERVICE MANUAL

AM/FM/RDS MPX Electronic Tuning Radio with CD Player <CQ-JS0920/0921F> with Cassette Player <CQ-YS0920F>

VEHICLE	DESTINATION	PRODUCED AFTER	TOYOTA PART NO.	ID CODE	MATUSHITA MODEL NO.
UNIVERSAL	Europe	Mar., 2000	08600-00936	73804	CQ-JS0920F
UNIVERSAL	Europe	Mar., 2000	08600-00935	73805	CQ-JS0921F
UNIVERSAL	Europe	Mar., 2000	08600-00934	78410	CQ-YS0920F



<CQ-JS0920F/0921F>



<CQ-YS0920F>

Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.
"Dolby" and the double-D symbol are trade marks of Dolby Laboratories Licensing Corporation.

SECIFICATIONS*

General
Power Supply : DC 12V (11V ~ 16V), Test Voltage 13.2V, Negative Ground
Current Consumption : Less than 3.0A
Audio Output: 320mV (Vol. max.)

AM Radio
Frequency Range : 530 ~ 1,710kHz
Usable Sensitivity : 25dB (µV)

FM Stereo Radio
Frequency Range : 87.7 ~ 107.9MHz
Usable Sensitivity : 9dB (µV)

CD Player
Signal to Noise Ratio : More than 85dB (IHF-A)
Channel Separation : More than 55dB (IHF-A)
Total Harmonic Distortion : 0.05% (30kHz/LPF, 400Hz/HPF)

Cassette Player
Signal to Noise Ratio : More than 42dB
Wow and Flutter : 0.09% (WRMS)
Separation : More than 30dB

Dimensions** : 180(W) × 100(H) × 175(D)
Weight** : 1.6kg

* Specifications subject to change without notice.
** Dimensions and Weight showm are approximate.

Manufactured for TOYOTA
by Matsushita Communication Industrial Co., Ltd.

PUB. NO. 80581
(Recycled Paper)

CONTENTS

Page

1 FEATURES 2
2 LASER PRODUCTS 2
3 REAR VIEW AND CONNECTORS 3
4 FRONT VIEW AND FUNCTIONS <CQ-JS0920/0921F> 4
5 FRONT VIEW AND FUNCTIONS <CQ-YS0920F> 5
6 WIRING CONNECTIONS <CQ-JS0920/0921F> 6
7 WIRING CONNECTIONS <CQ-YS0920F> 7
8 BLOCK DIAGRAM <CQ-JS0920/0921F> 8
9 BLOCK DIAGRAM <CQ-YS0920F> 9
10 TERMINALS DESCRIPTION 10
11 ALIGNMENT INSTRUCTIONS <CQ-YS0920F> 13
12 ALIGNMENT POINTS <CQ-YS0920F> 13
13 RE-ASSEMBLY PROCEDURE for REEL PWB<CQ-YS0920F> 14

Page

14 PACKAGE AND IC BLOCK DIAGRAM 15
15 REPLACEMENT PARTS LIST <CQ-JS0920F> 19
16 REPLACEMENT PARTS LIST <CQ-JS0921F> 24
17 EXPLODED VIEW (Unit) <CQ-JS0920/0921F> 28
18 REPLACEMENT PARTS LIST <CQ-YS0920F> 29
19 EXPLODED VIEW (Unit) <CQ-YS0920F> 34
20 CD PLAYER PARTS <CQ-JS0920/0921F> 35
21 EXPLODED VIEW (CD Deck) <CQ-JS0920/0921F> 36
22 TAPE PLAYER PARTS <CQ-YS0920F> 37
23 EXPLODED VIEW (Tape Deck) <CQ-YS0920F> 39
24 WIRING DIAGRAM 40
25 SCHEMATIC DIAGRAM (1) 51
26 SCHEMATIC DIAGRAM (2) 57

1 FEATURES

- PLL (Phase Locked Loop) synthesized tuning.
- 18-FM, 6-AM presets with preset scan
- RDS (Radio Data System) function.
- 8bit-times over sampling 1bit system CD player. (CQ-JS0920/0921F)
- Dolby NR function. (CQ-YS0920F)
- CD Changer control function. (CQ-JS0920F/YS0920F)
- Removable face plate.

2 LASER PRODUCTS

Caution
This product utillzes a laser.
Use of controls or adjustments or performance of procedures other than those specified herein may result hazardous radiation exposure.

Laser products :

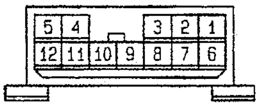
Wave Length	780nm
Laser power	No hazardous radiation is emitted with safety protection.

Do not take apart this unit or attempt to make any changes yourself.
This unit is vey intricate that uses a laser pickup to retrieve information from the surface of compact discs.
The laser is carefully shielded so that its rays remain inside the cabinet.
Therefore, never try to disassemble the play or alter any of its parts since you may be exposed to laser rays and dangerous voltages.

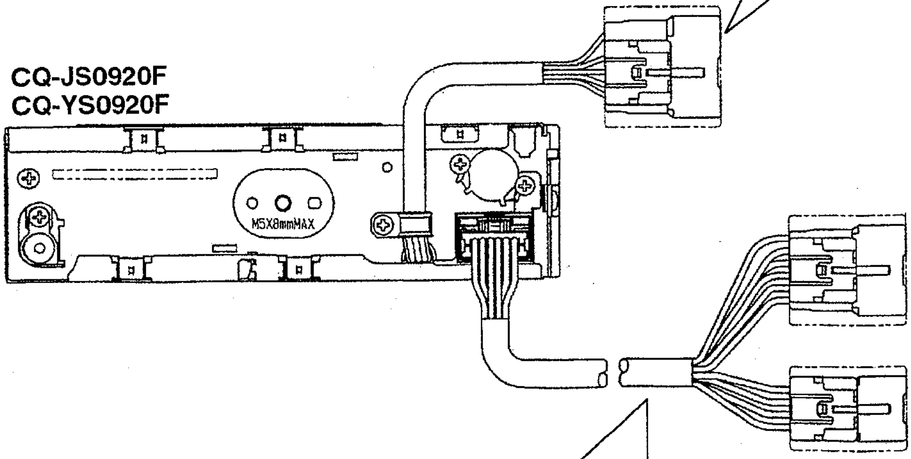
3 REAR VIEW AND CONNECTORS

<12P CONNECTOR>

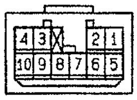
1. Audio Rch Input (+)
2. Audio Lch Input (+)
3. Shild Ground
4. Mute
5. Power Supply, +B
6. Audio Rch (-)
7. Audio Lch (-)
8. Ground
9. Communication TX (-)
10. Communication TX (+)
11. No Connection
12. Power Supply, ACC


5
4
3
2
1
12
11
10
9
8
7
6

CQ-JS0920F
CQ-YS0920F

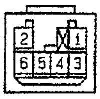


<10P CONNECTOR>


4
3
2
1
10
9
8
7
6
5

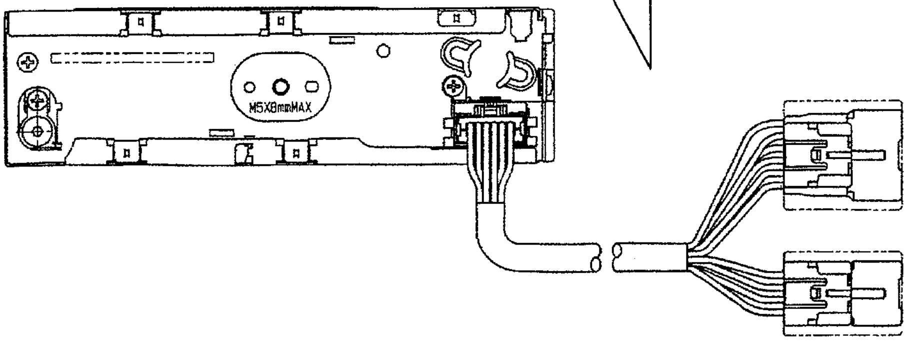
1. Front SP, Rch (+)
2. Front SP, Lch (+)
3. Power Supply, ACC
4. Power Supply, +B
5. Front SP, Rch (-)
6. Front SP, Lch (-)
7. Ground
8. Power Supply, ANT (+)
9. Power Supply, AMP (-)
10. No Connection

<6P CONNECTOR>

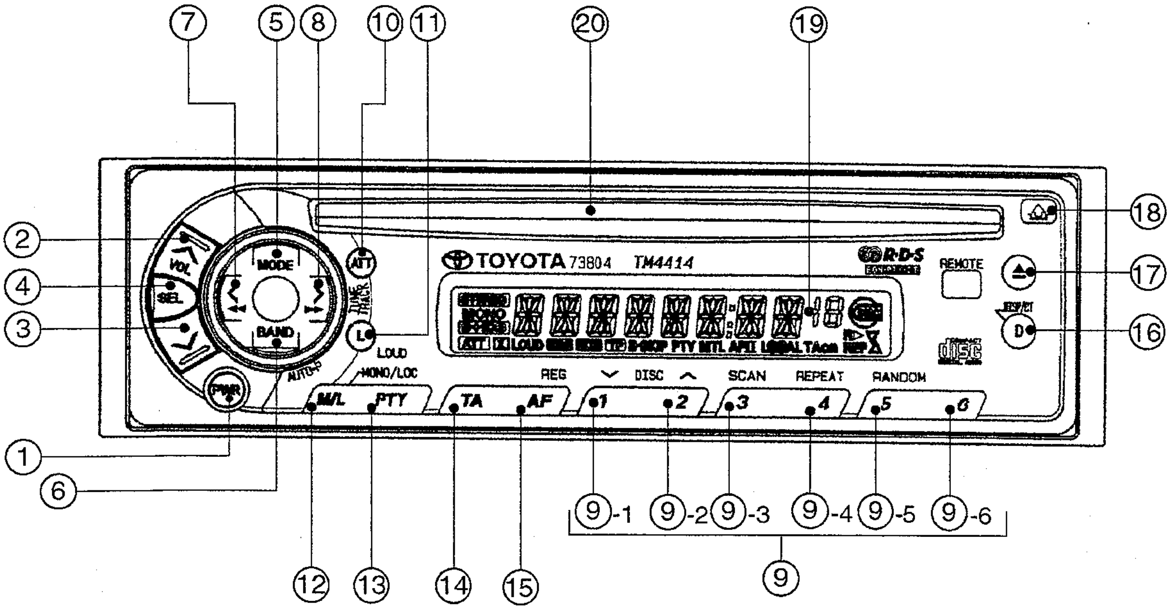


1. Rear SP, Rch (+)
2. Rear SP, Lch (+)
3. Rear SP, Rch (-)
4. No Connection
5. No Connection
6. Rear SP, Lch (-)

CQ-YS0921F

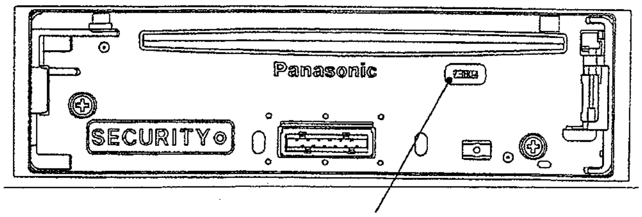


4 FRONT VIEW AND FUNCTIONS <CQ-JS0920/0921F>


⑦
⑤⑧
⑩⑪
⑳
⑲
⑱
⑰
⑯
②
④
③
①
⑥
TOYOTA 73804 TM4414
RDS
REMOTE
MODE
BAND
VOL
SEL
PWR
ATT
TUNE TRACK
LOUD
MONO/LOC
AUTO-P
REG
DISC
SCAN
REPEAT
RANDOM
M/L
PTY
TA
AF
1
2
3
4
5
6
⑨-1 ⑨-2 ⑨-3 ⑨-4 ⑨-5 ⑨-6
⑨
⑫ ⑬ ⑭ ⑮

① PWR : Power on/off.
② VOL ∧ : Sound/Tone level adjustment.
③ VOL ∨ : Sound/Tone level adjustment.
④ SEL : Audio mode selection.
⑤ MODE : Radio/CD/CD.CH mode selection.
⑥ BAND : Radio band selection.
⑦,⑧ <, > : Radio manual/seek tuning.
RDS-TP seek tuning.
RDS-Program type selection.
Time setting.
◀◀, ▶▶ : CD track selection.
CD Changer track selection.
<Only for CQ-JS0920F>
⑨1~6 : Radio frequency preset/call.
RDS-program type/PTY preset.
⑨-1 DISC ∨ : CD changer disc down.
<Only for CQ-JS0920F>
⑨-2 DISC ∧ : CD changer disc up.
<Only for CQ-JS0920F>
⑨-3 SCAN : CD track/disc scanning.
⑨-4 REPEAT : CD repeat play.
⑨-5 RANDOM : CD random play.
⑩ ATT : 1/10 attenautor on/off.
⑪ L : Loudness on/off.
⑫ M/L : Radio Mono/Local switching.
⑬ PTY : RDS-PTY mode selection.
⑭ TA : RDS-TA mode selection.
⑮ AF : RDS-AF mode selection.
⑯ D. : Display change.
⑰ ▲ CD disc eject.
⑱ ⇧ Removable face plate removing.
⑲ LCD Display.
⑳ Cassette slot.

4.1. ID Code Location

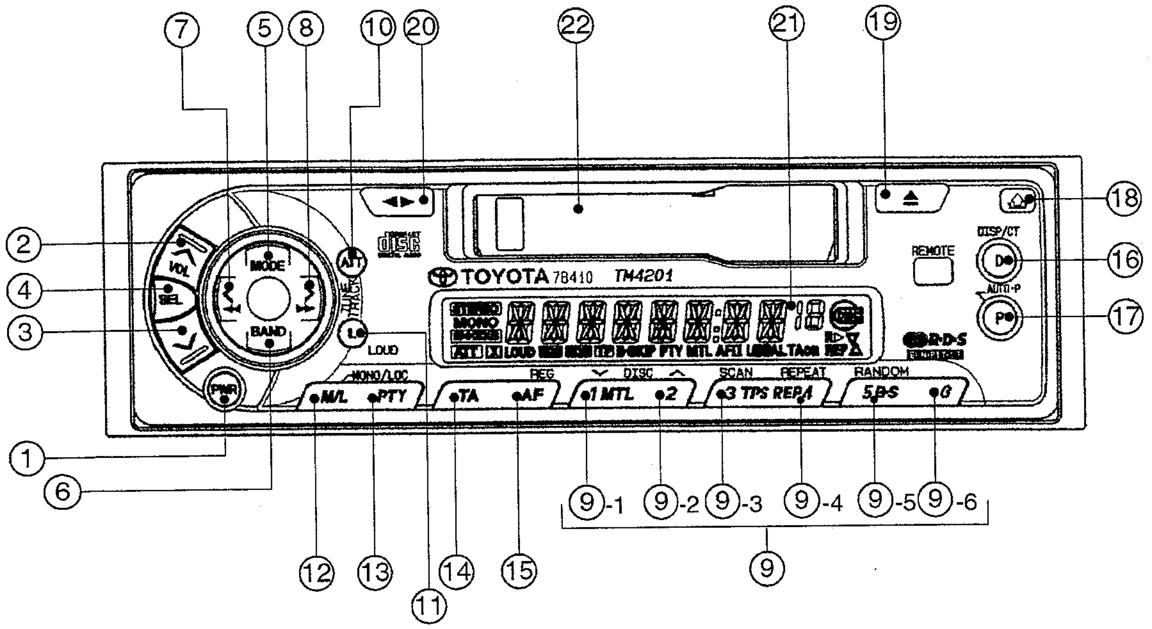

Panasonic
SECURITY

ID CODE :
73804 <CQ-JS0920F>
73805 <CQ-JS0921F>

4.2. Error Display Messages

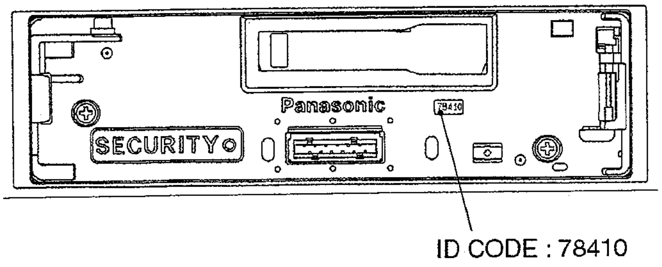
CDC E1	Displays when the compact disc is dirty or upside down. Selects the next available compact disc.
CDC E2	Displays when the compact disc is scratched. Selects next available compact disc.
CDC E3	Displays when the unit stops operating for some reason. Press RESET on the CD Changer (optional).
CDC 0000	Displays when there is no disc in the magazine.

5 FRONT VIEW AND FUNCTIONS <CQ-YS0920F>


⑦
⑤⑧
⑩⑳
㉒
㉑
⑲
⑱
⑯
⑰
②
④
③
①
⑥
VOL
SEL
MODE
BAND
PWR
ATT
TRACK
L
LOUD
TOYOTA 78410
TM4201
REMOTE
DISP/CT
D
AUTO-P
P
RDS
MONO/LOC
M/L
PTY
TA
AF
REG
DISC
SCAN
REPEAT
RANDOM
1 MTL
2
3 TPS REP
4
5 BS
6
⑨-1 ⑨-2 ⑨-3 ⑨-4 ⑨-5 ⑨-6
⑨
⑫ ⑬ ⑭ ⑮
⑪

①	PWR	: Power on/off.
②	VOL ∧	: Sound/Tone level adjustment.
③	VOL ∨	: Sound/Tone level adjustment.
④	SEL	: Audio mode selection.
⑤	MODE	: Radio/Tape/CD.CH mode selection.
⑥	BAND	: Radio band selection.
⑦,⑧	<, >	: Radio manual/seek tuning.
		RDS-TP seek tuning.
		RDS-Program type selection.
		Time setting.
	◀◀, ▶▶	: Tape FF/REW.
		TPS setting.
		CD Changer track selection.
⑨1~6		: Radio frequency preset/call.
		RDS-program type/PTY preset.
⑨-1	MTL	: Metal tape mode selection.
	DISC ∨	: CD changer disc down.
⑨-2	DISC ∧	: CD changer disc up.
⑨-3	TPS	: Tape Program Serch mode selection.
	SCAN	: CD track/disc scanning.
⑨-4	REP	: Tape repeat play.
	REPEAT	: CD repeat play.
⑨-5	BS	: Tape blank skip.
	RANDOM	: CD random play.
⑩	ATT	: 1/10 attenautor on/off.
⑪	L	: Loudness on/off.
⑫	M/L	: Radio Mono/Local switching.
⑬	PTY	: RDS-PTY mode selection.
⑭	TA	: RDS-TA mode selection.
⑮	AF	: RDS-AF mode selection.
⑯	D.	: Display change.
⑰	P	RDS-TP station auto preset.
⑱	⇧	Removable face plate removing.
⑲	▲	: Cassette tape eject.
⑳	◀▶	: Tape playing side change.
㉑	LCD Display.	
㉒	Cassette slot.	

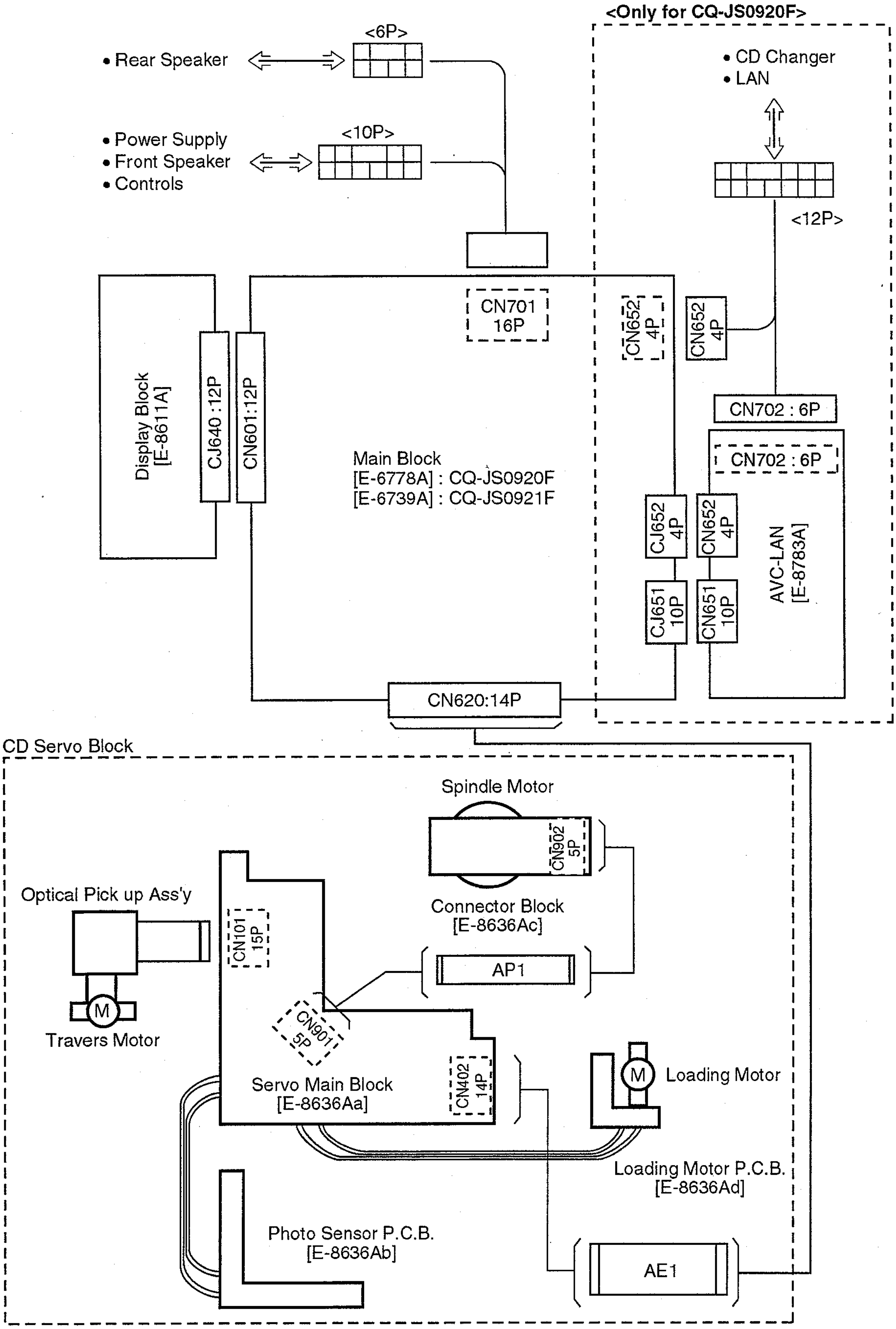
5.1. ID Code Location


Panasonic
78410
SECURITY
ID CODE : 78410

5.2. Error Display Messages

E1	Displays when the compact disc is dirty or upside down. The disc eject automatically. But, the disc may eject automatically, even if this error message is not displayed.
E2	Displays when the compact disc is scratched. The disc eject automatically.
E3	Displays when the compact disc stops operating for some reason. Please turn off the car engine (ACC off) and remove the fuse from yellow lead for 1 minute. Then reinstall the fuse.

6 WIRING CONNECTIONS <CQ-JS0920/0921F>

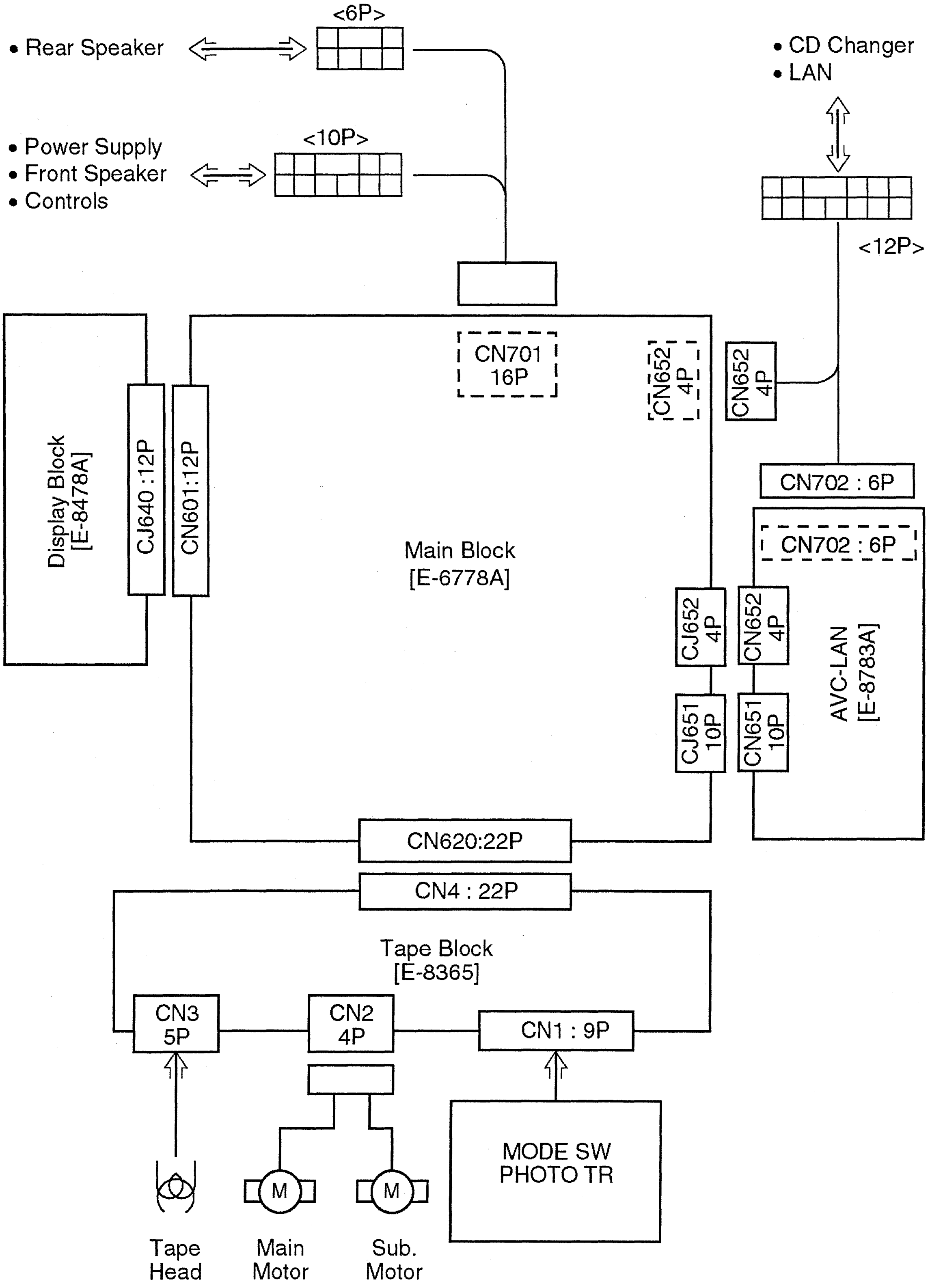

<Only for CQ-JS0920F>
<6P>
• Rear Speaker
<10P>
• Power Supply
• Front Speaker
• Controls
• CD Changer
• LAN
<12P>
CN701 16P
CN652 4P
CN652 4P
CN702 : 6P
CN702 : 6P
Display Block [E-8611A]
CJ640 :12P
CN601:12P
Main Block
[E-6778A] : CQ-JS0920F
[E-6739A] : CQ-JS0921F
CJ652 4P
CN652 4P
CJ651 10P
CN651 10P
AVC-LAN [E-8783A]
CN620:14P
CD Servo Block
Spindle Motor
CN902 5P
Optical Pick up Ass'y
Connector Block
[E-8636Ac]
CN101 15P
AP1
M
Travers Motor
CN901 5P
M
Loading Motor
Servo Main Block
[E-8636Aa]
CN402 14P
Loading Motor P.C.B.
[E-8636Ad]
Photo Sensor P.C.B.
[E-8636Ab]
AE1

<Note> :

☐ ......This mark shows a Ref. No. of connector

⬚ ......This mark shows a mounting position of connector.

7 WIRING CONNECTIONS <CQ-YS0920F>

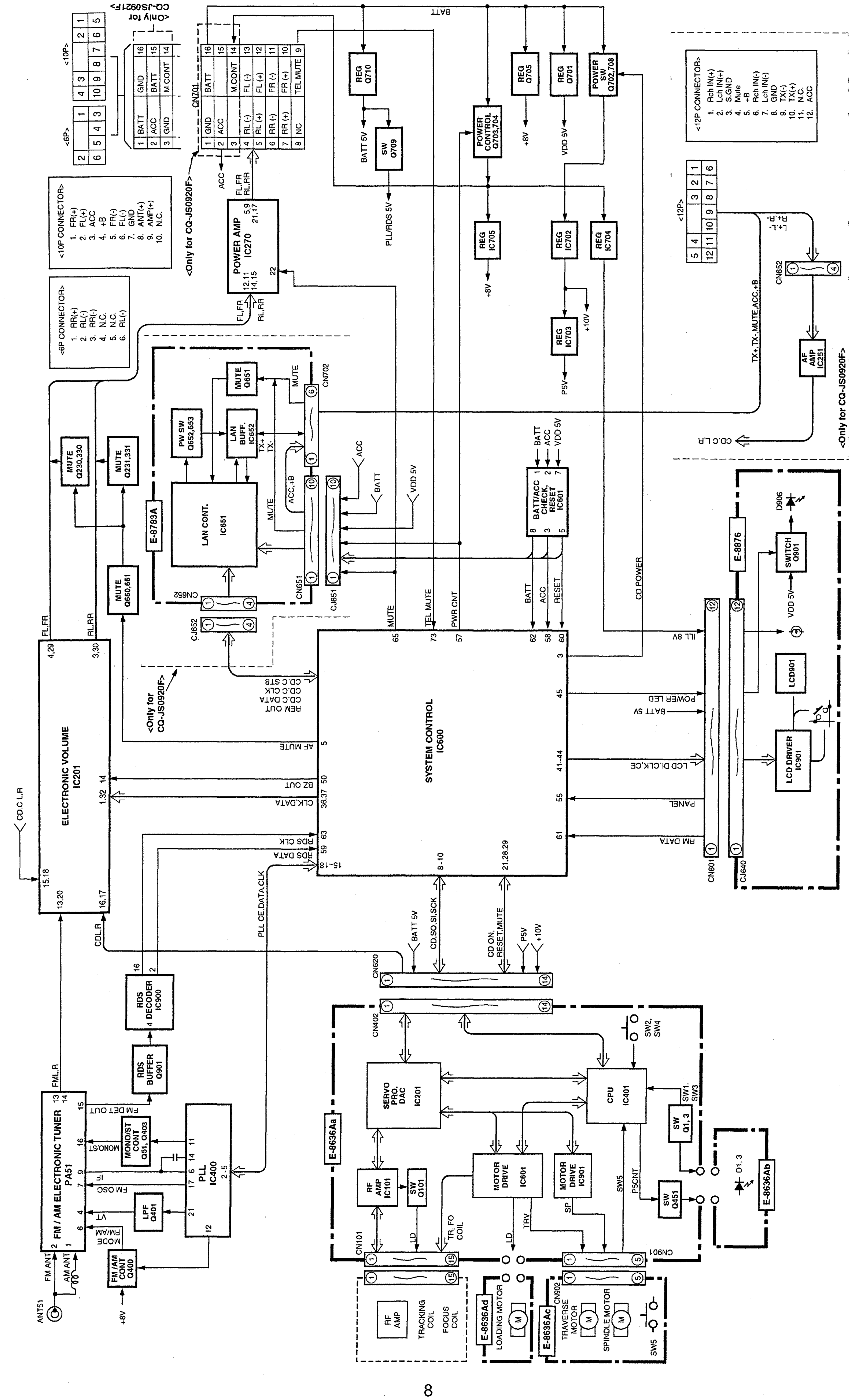

<6P>
• Rear Speaker
<10P>
• Power Supply
• Front Speaker
• Controls
• CD Changer
• LAN
<12P>
CN701 16P
CN652 4P
CN652 4P
Display Block [E-8478A]
CJ640 :12P
CN601:12P
CN702 : 6P
CN702 : 6P
Main Block [E-6778A]
CJ652 4P
CN652 4P
AVC-LAN [E-8783A]
CJ651 10P
CN651 10P
CN620:22P
CN4 : 22P
Tape Block [E-8365]
CN3 5P
CN2 4P
CN1 : 9P
M
M
MODE SW PHOTO TR
Tape Head
Main Motor
Sub. Motor

<Note> :

▭ ......This mark shows a Ref. No. of connector

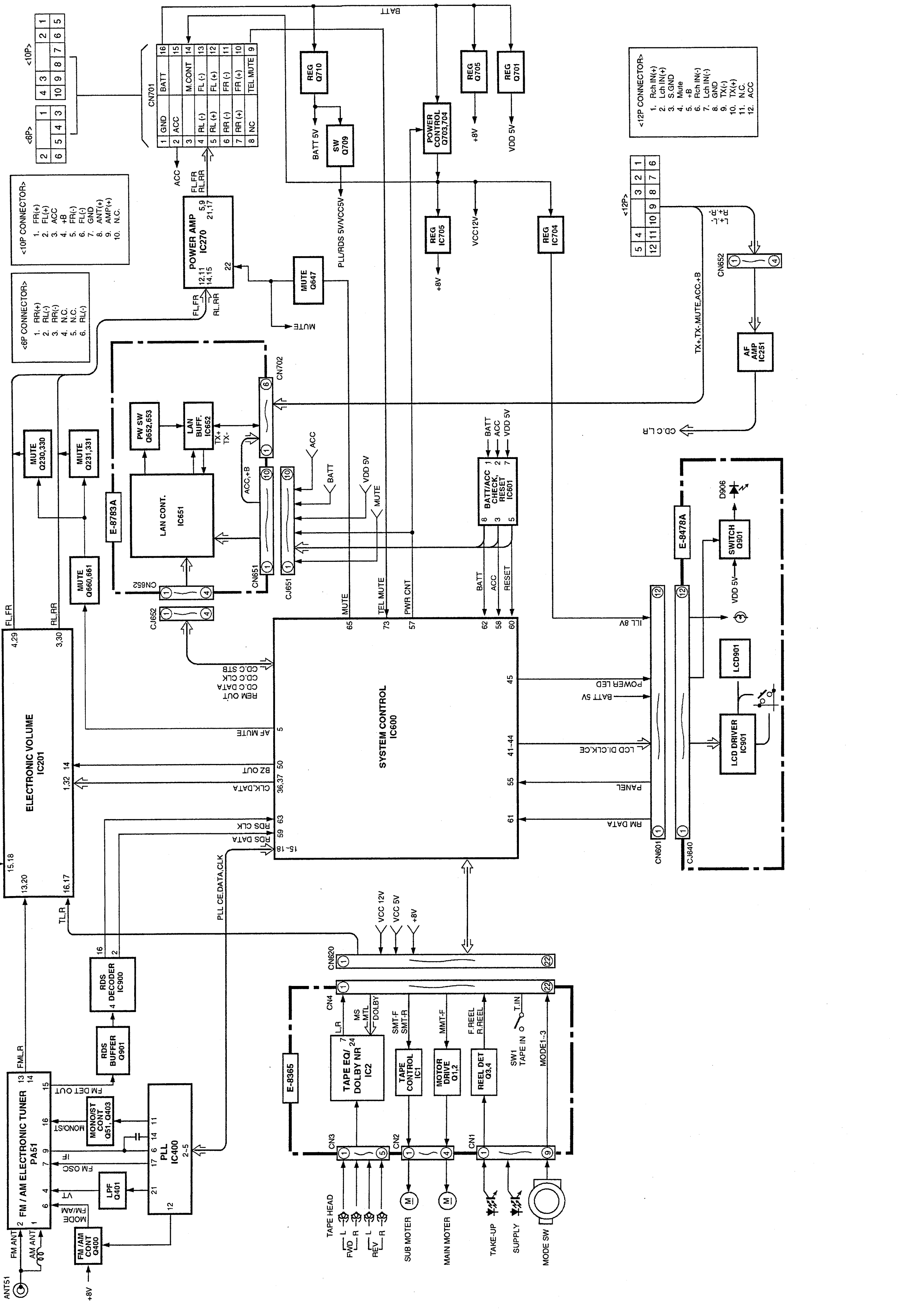
⬚ ......This mark shows a mounting position of connector.

8 BLOCK DIAGRAM <CQ-JS0920/0921F>



<6P>
1 BATT
2 ACC
3 GND
<10P>
16 GND
15 BATT
14 M.CONT
<Only for CQ-JS0921F>
CN701
1 GND
2 ACC
3
4 RL (-)
5 RL (+)
6 RR (-)
7 RR (+)
8 NC
16 BATT
15
14 M.CONT
13 FL (-)
12 FL (+)
11 FR (-)
10 FR (+)
9 TEL MUTE
<10P CONNECTOR>
1. FR(+)
2. FL(+)
3. ACC
4. +B
5. FR(-)
6. FL(-)
7. GND
8. ANT(+)
9. AMP(+)
10. N.C.
<6P CONNECTOR>
1. RR(+)
2. RL(-)
3. RR(-)
4. N.C.
5. N.C.
6. RL(-)
<Only for CQ-JS0920F>
BATT
REG Q710
SW Q709
BATT 5V
PLL/RDS 5V
POWER AMP IC270
FL,FR
RL,RR
ACC
POWER CONTROL Q703,704
REG IC705
+8V
REG Q705
REG Q701
VDD 5V
POWER SW Q702,708
REG IC702
REG IC704
REG IC703
+10V
P5V
<12P CONNECTOR>
1. Rch IN(+)
2. Lch IN(+)
3. S.GND
4. Mute
5. +B
6. Rch IN(-)
7. Lch IN(-)
8. GND
9. TX(-)
10. TX(+)
11. N.C.
12. ACC
<12P>
CN652
L+L-
R+R-
TX+, TX-, MUTE, ACC, +B
AF AMP IC251
<Only for CQ-JS0920F>
CD.C L.R
MUTE Q651
PW SW Q652,653
LAN BUFF. IC652
LAN CONT. IC651
E-8783A
CN702
CN651
CJ651
CN652
CJ652
MUTE
TX+
TX-
ACC,+B
ACC
BATT
VDD 5V
BATT/ACC CHECK, RESET IC601
BATT
ACC
RESET
MUTE Q230,330
MUTE Q231,331
MUTE Q660,661
FL,FR
RL,RR
ELECTRONIC VOLUME IC201
CD.C L.R
CDL.R
SYSTEM CONTROL IC600
MUTE
TEL MUTE
PWR CNT
CD POWER
ILL 8V
POWER LED
BATT 5V
LCD DI,CLK,CE
PANEL
RM DATA
CD.C STB
CD.C CLK
CD.C DATA
REM OUT
AF MUTE
BZ OUT
CLK,DATA
RDS CLK
RDS DATA
PLL CE,DATA,CLK
E-8876
D906
SWITCH Q901
VDD 5V
LCD901
LCD DRIVER IC901
CN601
CJ640
BATT 5V
CD,SQ,SI,SCK
CD ON, RESET, MUTE
P5V
+10V
CN620
CN402
RDS DECODER IC900
RDS BUFFER Q901
FML.R
FM/AM ELECTRONIC TUNER PA51
FM DET OUT
MONO/ST
MONO/ST CONT Q51, Q403
IF
FM OSC
VT
FM/AM MODE
LPF Q401
PLL IC400
FM ANT
AM ANT
ANT51
FM/AM CONT Q400
+8V
E-8636Aa
SERVO PRO. DAC IC201
CPU IC401
SW2, SW4
SW1, SW3
SW Q1, 3
D1, 3
E-8636Ab
RF AMP IC101
SW Q101
MOTOR DRIVE IC601
MOTOR DRIVE IC901
SW Q451
SW5
P5CNT
LD
TR, FO COIL
TRV
SP
CN101
CN901
RF AMP
TRACKING COIL
FOCUS COIL
E-8636Ad
LOADING MOTOR
E-8636Ac
CN902
TRAVERSE MOTOR
SPINDLE MOTOR
SW5

9 BLOCK DIAGRAM <CQ-YS0920F>


ELECTRONIC VOLUME IC201
SYSTEM CONTROL IC600
FM / AM ELECTRONIC TUNER PA51
PLL IC400
LPF Q401
MONO/ST CONT Q51,Q403
RDS BUFFER Q901
RDS DECODER IC900
FM/AM CONT Q400
ANT51
FM ANT
AM ANT
MODE FM/AM
VT
FM OSC
IF
MONO/ST
FM DET OUT
FML,R
TL,R
PLL CE,DATA,CLK
RDS DATA
RDS CLK
CLK,DATA
BZ OUT
AF MUTE
REM OUT
CD,C DATA
CD,C CLK
CD,C STB
CD,C L,R
FL,FR
RL,RR
MUTE Q230,330
MUTE Q231,331
MUTE Q660,661
POWER AMP IC270
MUTE Q647
MUTE
ACC
CN701
1 GND
2 ACC
3
4 RL (-)
5 RL (+)
6 RR (-)
7 RR (+)
8 NC
9 TEL MUTE
10 FR (+)
11 FR (-)
12 FL (+)
13 FL (-)
14 M.CONT
15
16 BATT
<6P>
<10P>
<10P CONNECTOR>
1. FR(+)
2. FL(+)
3. ACC
4. +B
5. FR(-)
6. FL(-)
7. GND
8. ANT(+)
9. AMP(+)
10. N.C.
<6P CONNECTOR>
1. RR(+)
2. RL(-)
3. RR(-)
4. N.C.
5. N.C.
6. RL(-)
BATT
REG Q710
BATT 5V
SW Q709
PLL/RDS 5V/VCC5V
POWER CONTROL Q703,704
REG IC705
+8V
VCC12V
REG IC704
REG Q705
REG Q701
VDD 5V
<12P CONNECTOR>
1. Rch IN(+)
2. Lch IN(+)
3. S.GND
4. Mute
5. +B
6. Rch IN(-)
7. Lch IN(-)
8. GND
9. TX(-)
10. TX(+)
11. N.C.
12. ACC
<12P>
L+,L-,R+,R-
TX+,TX-,MUTE,ACC,+B
CN652
AF AMP IC251
CD,C L,R
E-8783A
PW SW Q652,653
LAN BUFF. IC652
LAN CONT. IC651
TX+
TX-
ACC,+B
CN702
CN651
CN652
CJ651
CJ652
VDD 5V
TEL MUTE
PWR CNT
BATT/ACC CHECK, RESET IC601
RESET
ILL 8V
POWER LED
BATT 5V
LCD DI,CLK,CE
PANEL
RM DATA
CN601
CJ640
E-8478A
SWITCH Q901
D906
LCD901
LCD DRIVER IC901
VCC 12V
VCC 5V
CN620
CN4
E-8365
TAPE EQ/ DOLBY NR IC2
TAPE CONTROL IC1
MOTOR DRIVE Q1,2
REEL DET Q3,4
SW1 TAPE IN
T.IN
MODE1-3
MS
MTL
DOLBY
SMT-F
SMT-R
MMT-F
F.REEL
R.REEL
CN3
CN2
CN1
TAPE HEAD
FWD L R
REV L R
SUB MOTER
MAIN MOTER
TAKE-UP
SUPPLY
MODE SW

10 TERMINALS DESCRIPTION

10.1. Main Block <CQ-JS0920/0921F>

IC600 : C2BBGF000096 <CQ-JS0920F>

IC600 : C2BBGF000013 <CQ-JS0921F>

Pin No.	Port	Description	I/O	(V)
1	INIT C	Initial C	I	5.1
2	P. IC STBY	Power Amp. stand-by	O	5.1
3	CD POWER	CD power control	O	5.1
4	AVSS	Analog ground	-	0
5	AF MUTE	AF mute	O	5.1
6	NC	No connection	-	-
7	AVREF	Reference voltage	-	5.1
8	CD-SO	CD data	I	3.2
9	CD-SI	CD data	O	3.8
10	CD-SCK	CD clock	O	5.0
11	CD.C DATA	CD changer data **(Note 2)**	O	0
12	NC	No connection	-	-
13	CD.C CLK	CD changer clock **(Note 2)**	I	0
14	REM OUT	CD changer remote cont. **(Note 2)**	O	5.3
15	PLL CE	PLL controller chip enable	O	0
16	PLL DATA (MI)	Data from PLL	I	5.1
17	PLL DATA (MO)	Data for PLL	O	0
18	PLL CLK	Clock for PLL	O	0
19	NC	No connection	-	-
20	NC	No connection	-	-
21	CD-RESET	CD reset	O	5.0
22	NC	No connection	-	-
23	NC	No connection	-	-
24	NC	No connection	-	-
25	NC	No connection	-	-
26	NC	No connection	-	-
27	NC	No connection	-	-
28	CD-ON	CD power on	O	5.0
29	CD-MUTE	CD mute control	I	0
30	CD-SW2	Not used	-	-
31	NC	No connection	-	-
32	NC	No connection	-	-
33	Vss	Ground	-	0
34	NC	No connection	-	-
35	/ST	FM stereo detection	I	4.6
36	IC2-CLK	Electronic volume clock	O	5.0
37	IC2-DATA	Electronic volume data	I/O	5.0
38	LED	Security LED control	O	3.6
39	/HDB	Not used	-	-
40	BZIN	Power SW detection	I	4.9
41	LCD-DI (MO)	LCD data output	O	0
42	LCD-DO (MI)	LCD data input	I	5.0
43	LCD-CLK	LCD clock	O	0
44	LCD-CE	LCD chip enable output	O	0.2
45	POWER LED	Pilot lamp on	O	0
46	NC	No connection	-	-
47	NC	No connection	-	-
48	NC	No connection	-	-
49	NC	No connection	-	-
50	BZOUT	Beep output	O	0
51	NC	No connection	-	-
52	NC	No connection	-	-
53	NC	No connection	-	-
54	NC	No connection	-	-
55	PANEL	Panel detect	I	4.8
56	NC	No connection	-	-
57	PWR CNT	Power control	O	5.1
58	ACC	ACC detection	I	4.5
59	RDS DATA	RDS data input	I	2.5
60	/RESET	Reset input	I	4.7
61	REM	Remocon data input	I	4.4
62	BATT	Battery detection	I	4.7
63	RDS CLK	RDS clock input	I	2.5
64	CD.C.STB	CD changer strobe **(Note 2)**	I	0
65	MUTE	Mute control	O	5.1
66	NC	(Connecting to ground)	-	0
67	CD. C2	Not used	-	-
68	VDD	+5V power supply	-	5.1
69	X2	Crystal oscillator	-	3.0
70	X1	Crystal oscillator	-	1.7
71	Vss	Ground	-	0
72	NC	No connection	-	-
73	TEL MUTE	Telephone mute	I	4.9
74	AVDD	+5V power supply	-	5.1
75	AVREF	(Connecting to VDD)	-	5.1
76	NC	(Connecting to ground)	-	0
77	SD	Search detect	I	0.6
78	INIT D	Initial value D	I	(#1)
79	INIT A	Initial value A	I	(#1)
80	INIT B	Initial value B	I	5.1

Note 1 :

Voltage measuerments are with respect to ground, with a voltmeter (internal resistance : 10M ohms).

Note 2 :

Only for CQ-JS0920F

Note 3 (#1) : 78, 79pin voltage value

5.1V <CQ-JS0920F>

0V <CQ-JS0921F>

10.2. Main Block <CQ-YS0920F>

IC600 : C2BBGF000095

Pin No.	Port	Description	I/O	(V)
1	INIT C	Initial C	I	5.1
2	P.ICSTBY	Not used	-	-
3	CD POWER	Not used	-	-
4	AVSS	Analog ground	-	0
5	AF MUTE	AF mute	O	5.1
6	NC	No connection	-	-
7	AVREF	Reference voltage	-	5.1
8	MODE1	Tape mode SW	I	5.0
9	MODE2	Tape mode SW	I	5.0
10	MODE3	Tape mode SW	I	0
11	CD.C DATA	CD changer data	I	0
12	NC	No connection	-	-
13	CD.C CLK	CD changer clock	I	0
14	REM OUT	CD changer remote control	O	4.6
15	PLL CE	PLL controller chip enable	O	0
16	PLL DATA (MI)	Data from PLL	I	5.1
17	PLL DATA (MO)	Data for PLL	O	0
18	PLL CLK	Clock for PLL	O	4.8
19	NC	No connection	-	-
20	NC	No connection	-	-
21	MMT-F	Main motor control	O	0

22	SMT-F	Sub motor control	O	4.8
23	DOLBY	Dolby control	O	4.8
24	F/R	Tape FF/REW detection	I	4.8
25	NC	No connection	-	-
26	MS GAIN	MS gain control	O	4.8
27	MLT OUT	Metal tape select	O	0
28	SMT-R	Sub motor control	O	4.8
29	R.REEL	Tape REW detection	I	1.5
30	MS.IN	TPS input	I	0
31	F.REEL	Tape FF detection	I	1.5
32	T.IN	Tape detection	I	0
33	VSS	Ground	-	0
34	NC	No connection	-	-
35	/ST	FM stereo detection	I	4.6
36	IC2-CLK	Electronic volume clock	O	5.0
37	IC2-DATA	Electronic volume data	I/O	5.0
38	LED	Warning alarm LED control	O	3.6
39	NC	No connection	-	-
40	BZIN	Power on/off detection	I	4.9
41	LCD-DI (MO)	LCD data input	O	0
42	LCD-DO (MI)	LCD data output	I	0.5
43	LCD-CLK	LCD clock	O	0
44	LCD-CE	LCD chip enable output	O	0.2
45	POWER LED	Pilot lamp on	O	0
46	NC	No connection	-	-
47	NC	No connection	-	-
48	NC	No connection	-	-
49	NC	No connection	-	-
50	BZOUT	BEEP output	O	0
51	NC	No connection	-	-
52	NC	No connection	-	-
53	NC	No connection	-	-
54	NC	No connection	-	-
55	PANEL	Panel detect	I	4.8
56	NC	No connection	-	-
57	PWR CNT	Power control	O	5.1
58	ACC	ACC detection	I	4.7
59	RDS DATA	RDS data input	I	2.5
60	/RESET	Reset input	I	4.7
61	REM	Remocon data input	I	4.4
62	BATT	Battery detection	I	4.8
63	RDS CLK	RDS clock input	I	2.5
64	CD.C.STB	CD changer strobe input	I	0
65	MUTE	Mute control	O	5.1
66	NC	(Connecting to ground)	-	0
67	CD.C2	Not used	-	-
68	VDD	+5V power supply	-	5.1
69	X2	Crystal oscillator	-	3.0
70	X1	Crystal oscillator	-	1.7
71	VSS	Ground	-	0
72	NC	No connection	-	-
73	TEL MUTE	Telephone mute	I	4.9
74	AVDD	+5V power supply	-	5.1
75	AVREF	(Connecting to VDD)	-	5.1
76	NC	(Connecting to ground)	-	0
77	SD	Search detect	I	0.6
78	INIT D	Initial value D	I	2.9
79	INIT A	Initial value A	I	0
80	INIT B	Initial value B	I	5.1

10.3. Display Block

IC901 : YEAMLC75854T

Pin No.	Port	Description	I/O	(V)
1-35	SEG1-35	LCD segment	O	2.5
36-39	NC	No connection	-	-
40-43	COM1-4	LCD common	O	2.5
44-49	KS1-6	Key data output	O	0.9
50-54	KI1-5	Key data input	I	0
55	TEST	(Connecting to ground)	-	0
56	VDD	+5V power supply	-	5.1
57	VDD1	Ground through capacitor	-	3.3
58	VDD2	Ground through capacitor	-	1.7
59	Vss	Ground	-	0
60	OSC	CR oscillator	-	3.9
61	DO	Key data output	O	4.4
62	CE	Chip enable	I	0
63	CLK	LCD clock	I	0
64	DI	LCD data input	I	0

10.4. AVC-LAN Block <CQ-JS0920/YS0920F>

IC651 : C2BBGE000313

Pin No.	Port	Description	I/O	(V)
1	P.CNT	Power control	I	5.1
2	CD/CST	CD or Cassette connected	I	(#2)
3	ACC_ON	LAN buffer power on	O	5.1
4	AVss	Ground	-	0
5	MUT	Not used	-	-
6	-	Ground	-	0
7	VA_REF	Reference voltage terminal	I	5.1
8-13	-	Ground	-	0
14	STRB	CD changer strobe	O	0
5-16	-	Ground	-	0
17	DO	CD changer data	I	0
18	CLK	CD changer clock	I	0
19-26	-	(Connecting to VDD)	-	5.1
27-35	-	Ground	-	0
36-39	-	(Connecting to VDD)	-	5.1
40-55	-	Ground	-	0
56	TX	Communication data send	O	0
57	RX	Communication data receive	I	0
58,59	-	Ground	-	0
60	RESET	System reset	I	4.7
61	-	Ground	-	0
62	B-DET	Battery level detection	I	4.7
63	LAN-MUTE	LAN mute signal	I	0
64	-	Ground	-	0
65	ACC_DET	ACC level detection	I	4.5
66,67	-	Ground	-	0
68	VDD	+5V power supply	-	5.1
69	X2	Crystal oscillator	-	2.6
70	X1	Crystal oscillator	-	1.4
71	GND	Ground	-	0
72	-	No connection	-	-
73	-	Ground	-	0
74	VDD	+5V power supply	-	5.1
75-79	-	Ground	-	0
80	REMOCON	CD changer remote control	I	5.3

Note 4 (#2) : 2pin voltage value

5.1V <CQ-JS0920F>

0V <CQ-YS0920F>

10.5. CD Servo Block <CQ-JS0920/0921F>

IC201 : MN662748RPMF

Pin No.	Port	Description	I/O	(V)
1	BCLK	Not used	-	-
2	LRCK	Not used	-	-
3	SRDATA	Not used	-	-
4	DVDD	+5V digital power supply	-	5.0
5	DVSS1	Digital ground	-	0
6	TX	Not used	-	-
7	MCLK	MPU command clock	I	0
8	MDATA	MPU command data	I	0
9	MLD	MPU command load	I	0
10	SENSE	Sense signal	O	0
11	/FLOCK	Focus servo lock	O	0
12	/TLOCK	Tracking servo lock	O	4.9
13	BLKCK	Not used	-	-
14	SQCK	Q code external clock	I	4.9
15	SUBQ	Q code output	O	2.5
16	DMUTE	DSP mute	I	0
17	STAT	DSP Status output	O	3.1
18	/RST	Reset input	I	4.9
19, 20		Not used	-	-
21	TRV	Forced traverse output	O	2.5
22	TVD	Traverse drive output	O	2.5
23	PC	Spindle motor control	O	0
24	ECM	Spindle motor drive	O	2.5
25	ECS	Spindle motor drive	O	2.5
26	KICK	Kick pulse output	O	2.5
27	TRD	Tracking motor drive	O	2.5
28	FOD	Focus motor drive	O	2.5
29	VREF	D/A reference voltage	I	2.5
30	FBAL	Focus balance adjust	O	2.5
31	TBAL	Tracking balance adjust	O	2.5
32	FE	Focus error signal	I	2.5
33	TE	Tracking error signal	I	2.5
34	RFENV	RF envelope signal	I	2.5
35	VDET	Vibration detection	I	0
36	OFTR	Off track signal	I	0
37	TRCRS	Track closs signal	I	2.1
38	/RFDET	RF detection signal	I	0
39	BDO	Drop out signal	I	0
40	LDON	Laser on/off control	O	4.5
41	PLLF2	Not used	-	-
42	TOFS	TE offset	O	2.5
43	WVEL	Not used	-	-
44	ARE	RF signal	I	1.7
45	IREF	Reference current input	I	1.6
46	DRF	DSL bias	I	0
47	DSLF	DSL loop filter	I/O	2.4
48	PLLF	PLL loop filter	I/O	1.8
49	VCOF	Not used	-	-
50	AVDD2	+5V analog power supply	-	5.0
51	AFSS2	Analog ground	-	0
52	EFM	Not used	-	-
53	PCK/DSLB	DSL bias	I	2.4
54	VCOF2	Tracking offset	O	2.5
55	SUBC	Not used	-	-
56	SBCK	(Connecting to ground)	-	-
57	VSS	Ground	-	0
58	X1	Crystal oscillator	I	1.7
59	X2	Crystal oscillator	O	2.3
60	VDD	+5V power supply	-	5.0
61,62	-	Not used	-	-
63	FCLK	Not used	-	-
64	IPFLAG	Not used	-	-
65	FLAG	Not used	-	-
66-69	-	Not used	-	-
70	IOSEL	(Connecting to ground)	I	0
71	/TEST	(Connecting to ground)	I	0
72	AVDD1	+5V analog power supply	-	4.9
73	OUTL	Audio Lch output	O	4.9
74	AVSS1	Analog ground	-	0
75	OUTR	Audio Rch output	O	4.9
76	RSEL	(Connecting to ground)	-	0
77	CSEL	(Connecting to ground)	-	0
78	PSEL	(Connecting to ground)	-	0
79	MSEL	(Connecting to ground)	-	0
80	SSEL	mode select	I	5.0

IC401 : MN101C117AD

Pin No.	Port	Description	I/O	(V)
1	MASHON	Servo IC OSC control	O	5.0
2	P82	No connection	-	-
3	P81	No connection	-	-
4	P5CNT	LED power control	O	0
5	Q1	Photo sensor signal (DISC IN)	I	4.5
6	Q3	Photo sensor signal (DISC OUT)	I	4.2
7	Q6	Photo sensor signal (Option)	I	5.0
8	SW4	Clamp SW signal	I	0
9	SW5	Inner SW signal	I	5.0
10	SW2	Feeder arm SW	I	5.0
11	PA6	(Connection to ground)	-	0
12	PA7/IFR	(Connecting to ground)	I	0
13	VDD	+5V power supply	-	5.0
14	OSC2	Crystal oscillator	-	5.0
15	OSC1	Crystal oscillator	-	3.3
16	VSS	Ground	-	0
17	NC	No connection	-	-
18	SOMI	CD control data	O	3.2
19	SIMO	CD control data	I	3.8
20	SCLM	Data shift clock	I	5.0
21	AMUTE	Audio signal mute	O	0
22	BD0	Drop out signal	I	0
23	PC1	Loading motor driver control	O	5.0
24	PS2	Focus/Tracking driver control	O	0
25	VDET	Vibration detecting signal	I	0
26	P14	No connection	-	-
27	CDON	CD on signal	I	5.0
28	IRQ1.SENSE	(Connecting to groung)	-	0
29	IRQ2	(Connecting to ground)	-	0
30	LOD	Loading motor control	-	2.6
31	TRV	Traverse motor control	-	2.5
32	/PRST	Servo IC reset	O	5.0
33	STAT	Status signal	I	4.0
34	DMUTE	DSP mute	O	0
35	SUBQ	Sub code Q data	I	2.6
36	SQCK	Sub code Q clock	O	5.0
37	/TLOCK	Tracking servo lock	I	0
38	/FLOCK	Focus servo lock	I	0
39	NRST	reset input	I	5.0
40	MMOD	(Connecting to ground)	-	0
41	SENSE	Sense signal	I	0
42	MLD	Command load	O	5.0
43	MDATA	Command data	O	0.9
44	MCLK	Command clock	O	4.6

11 ALIGNMENT INSTRUCTIONS <CQ-YS0920F>

11.1. Alignment Conditions

- Power Supply Voltage : DC14.4V
- Output Impedance : 4Ω
- Output Power : 0.5W
- Balance, Fader Control : Center
- Bass, Treble Control : Center

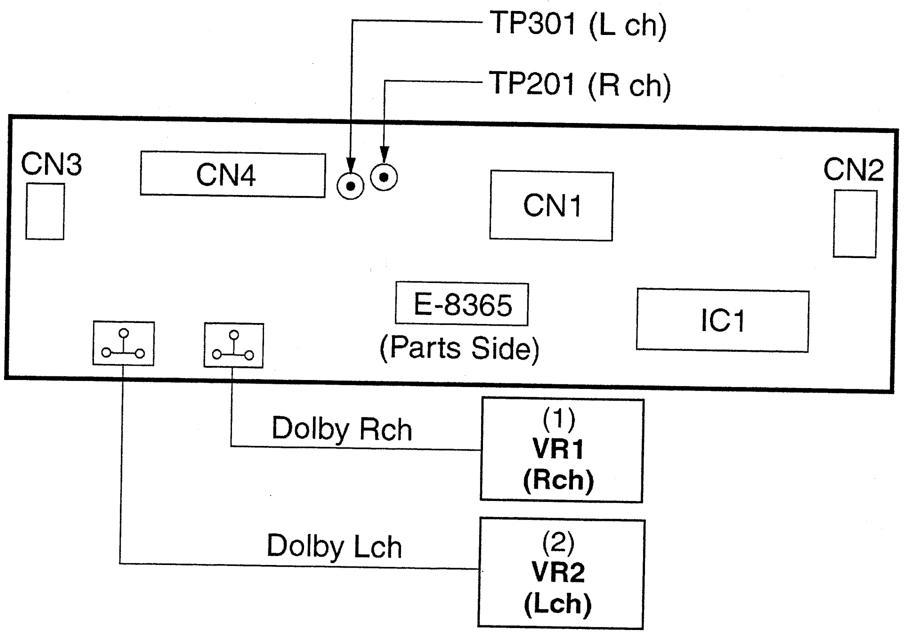
Note:

Do not align the FM/AM package block. When the package block is necessary, it will be supplied already aligned at the factory.

11.2. Dolby NR Alignment

Step	Alignment Item	Test Tape	VTVM Connection	Adjust	Remarks
(1)	DOLBY NR Rch	RFKZ0038	TP201	VR1	Adjust for 388mV ±20mV
(2)	DOLBY NR Lch	RFKZ0038	TP301	VR2	Adjust for 388mV ±20mV

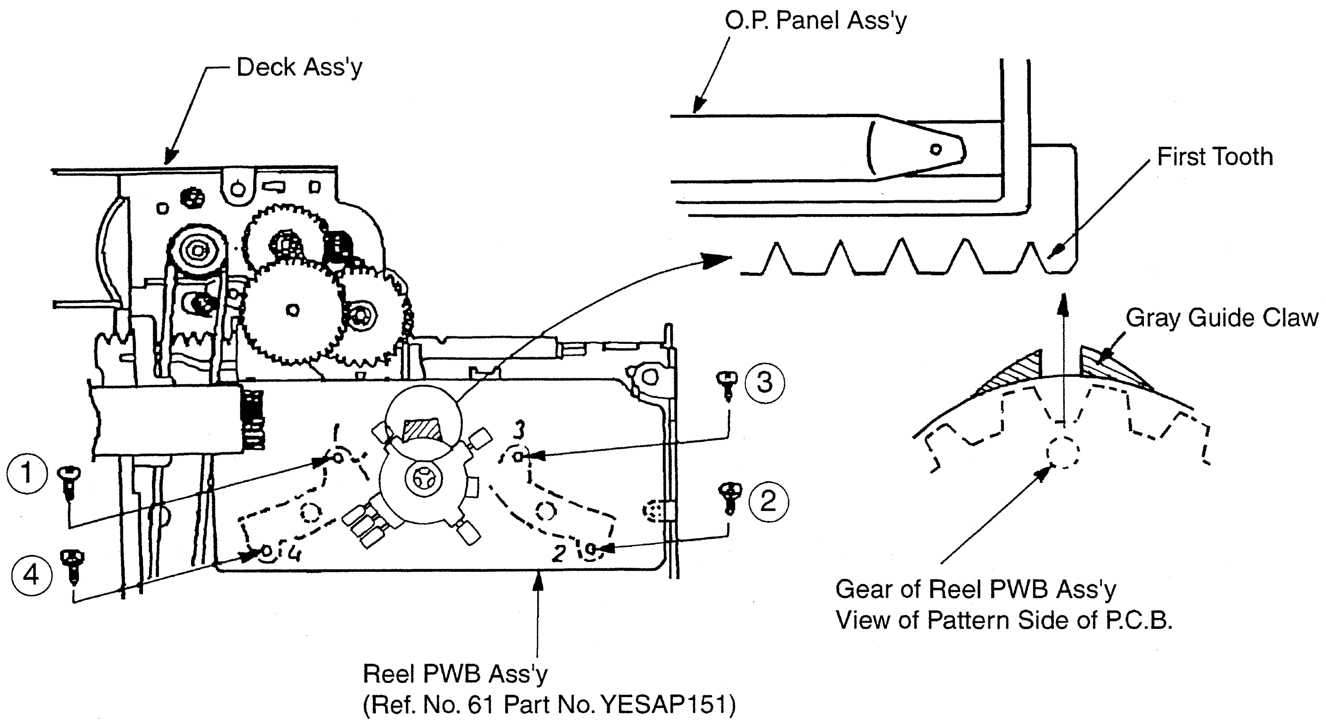
12 ALIGNMENT POINTS <CQ-YS0920F>


TP301 (L ch)
TP201 (R ch)
CN3
CN4
CN1
CN2
E-8365
(Parts Side)
IC1
Dolby Rch
(1)
VR1
(Rch)
Dolby Lch
(2)
VR2
(Lch)

13 RE-ASSEMBLY PROCEDURE for REEL PWB <CQ-YS0920F>

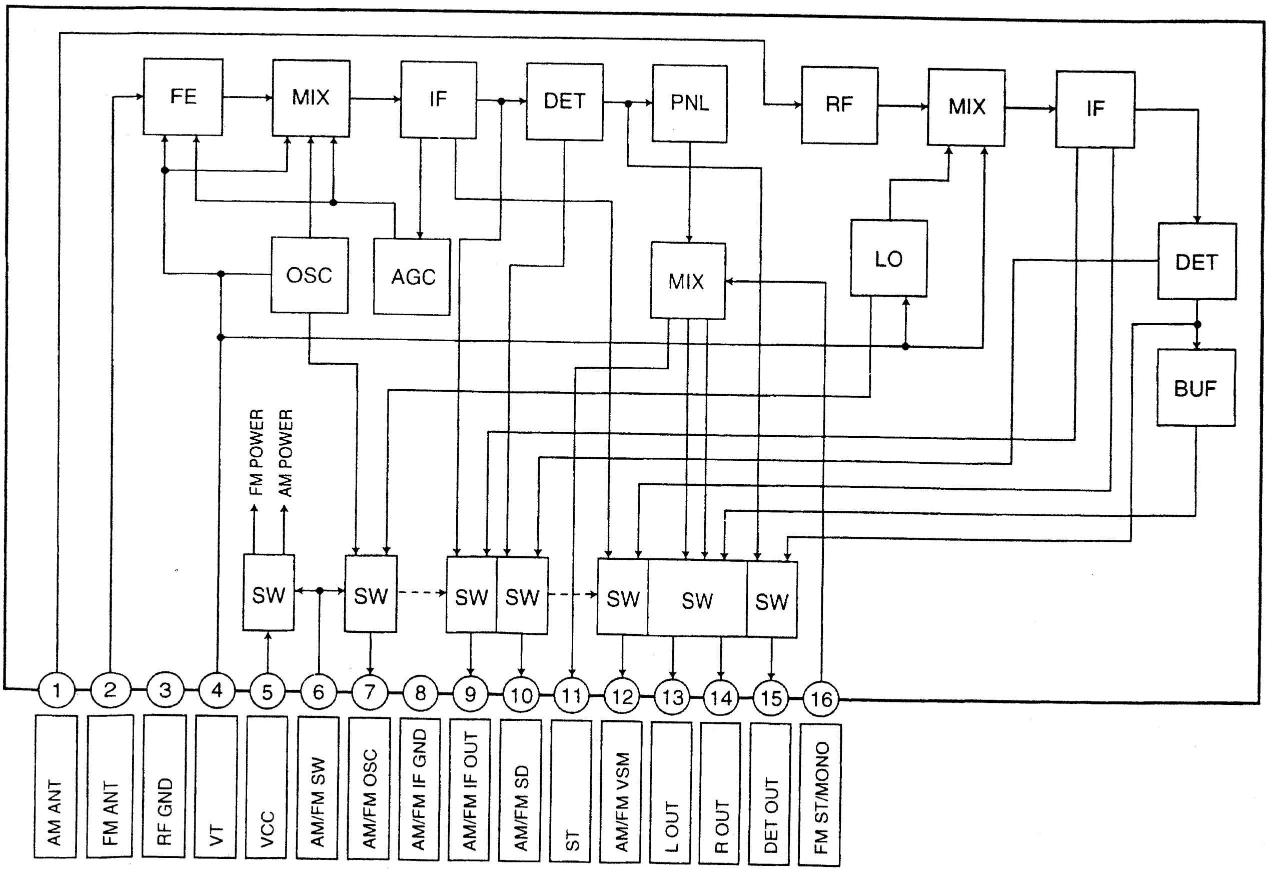
- When you re-assembly the REEL PWB Ass´y please refer to the following procedure.

1. Set the gear of Reel PWB Ass´y (Ref. No. 61) into the first tooth of O.P. Plate Ass´y (Ref. No. 20) as shown below.
2. Tighte the (1-4) screws of Reel PWB Ass´y shown in the figure.

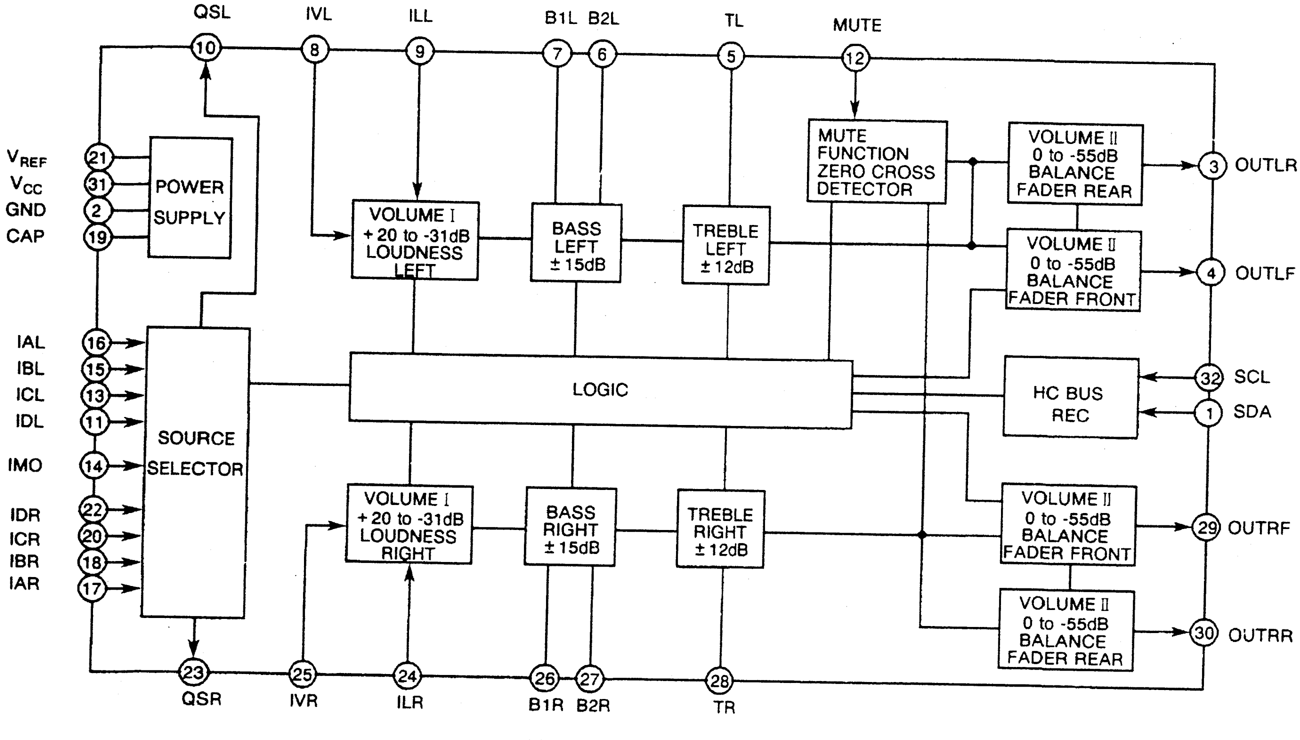

O.P. Panel Ass'y
Deck Ass'y
First Tooth
Gray Guide Claw
③
①
②
④
1
3
2
4
Gear of Reel PWB Ass'y
View of Pattern Side of P.C.B.
Reel PWB Ass'y
(Ref. No. 61 Part No. YESAP151)

14 PACKAGE AND IC BLOCK DIAGRAM

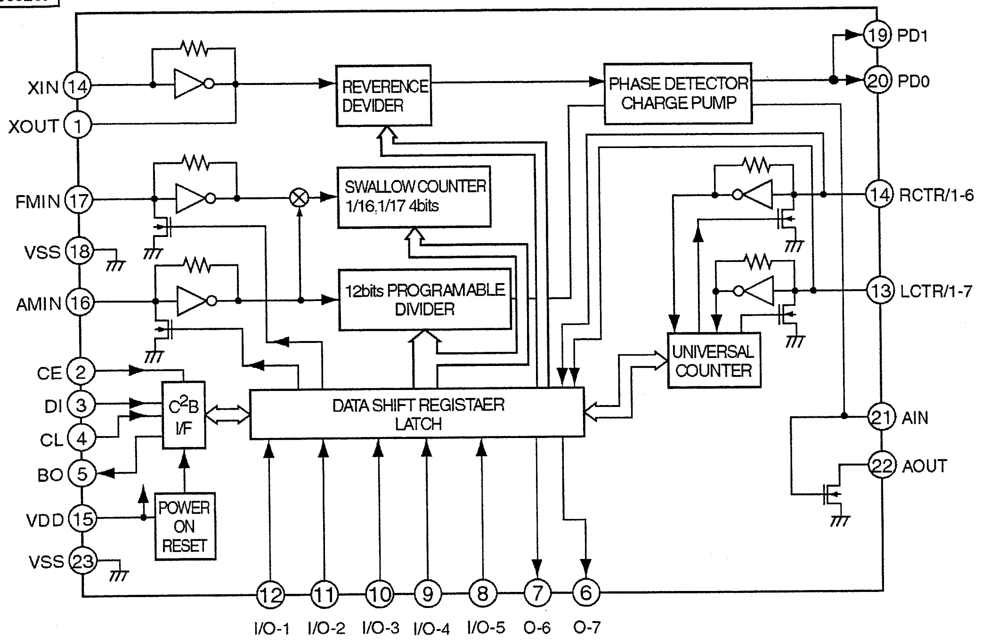
14.1. Main Block


FE
MIX
IF
DET
PNL
RF
MIX
IF
OSC
AGC
MIX
LO
DET
BUF
FM POWER
AM POWER
SW
SW
SW
SW
SW
SW
SW
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
AM ANT
FM ANT
RF GND
VT
VCC
AM/FM SW
AM/FM OSC
AM/FM IF GND
AM/FM IF OUT
AM/FM SD
ST
AM/FM VSM
L OUT
R OUT
DET OUT
FM ST/MONO

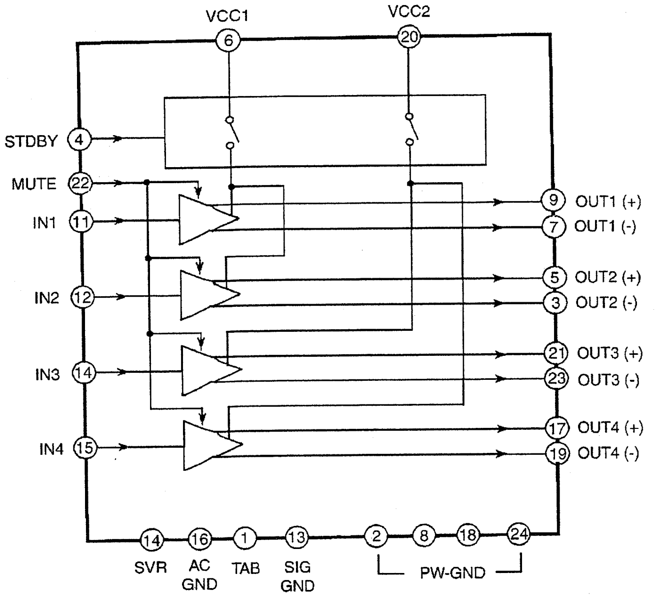
PA51 : YEAU03E052C


QSL
IVL
ILL
B1L
B2L
TL
MUTE
10
8
9
7
6
5
12
VREF
VCC
GND
CAP
21
31
2
19
POWER SUPPLY
MUTE FUNCTION ZERO CROSS DETECTOR
VOLUME II 0 to -55dB BALANCE FADER REAR
3
OUTLR
VOLUME I +20 to -31dB LOUDNESS LEFT
BASS LEFT ±15dB
TREBLE LEFT ±12dB
VOLUME II 0 to -55dB BALANCE FADER FRONT
4
OUTLF
IAL
IBL
ICL
IDL
16
15
13
11
LOGIC
HC BUS REC
32
SCL
1
SDA
IMO
14
SOURCE SELECTOR
IDR
ICR
IBR
IAR
22
20
18
17
VOLUME I +20 to -31dB LOUDNESS RIGHT
BASS RIGHT ±15dB
TREBLE RIGHT ±12dB
VOLUME II 0 to -55dB BALANCE FADER FRONT
29
OUTRF
VOLUME II 0 to -55dB BALANCE FADER REAR
30
OUTRR
23
25
24
26
27
28
QSR
IVR
ILR
B1R
B2R
TR

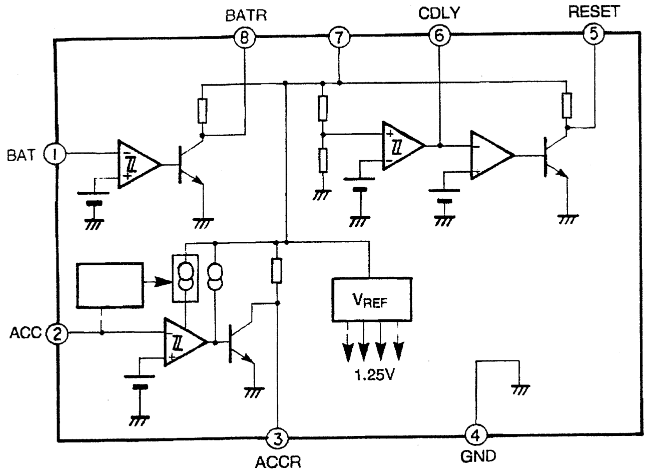
IC201 : YEAMEA6320TT


XIN 14
XOUT 1
FMIN 17
VSS 18
AMIN 16
CE 2
DI 3
CL 4
BO 5
VDD 15
VSS 23
REVERENCE DEVIDER
SWALLOW COUNTER 1/16,1/17 4bits
12bits PROGRAMABLE DIVIDER
PHASE DETECTOR CHARGE PUMP
UNIVERSAL COUNTER
C²B I/F
POWER ON RESET
DATA SHIFT REGISTAER LATCH
19 PD1
20 PD0
14 RCTR/1-6
13 LCTR/1-7
21 AIN
22 AOUT
12 I/O-1
11 I/O-2
10 I/O-3
9 I/O-4
8 I/O-5
7 O-6
6 O-7

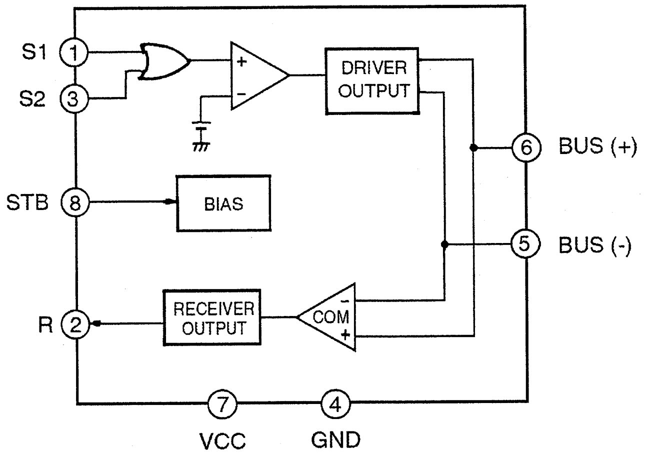
IC400 : YEAMLC72146T


VCC1 6
VCC2 20
STDBY 4
MUTE 22
IN1 11
IN2 12
IN3 14
IN4 15
9 OUT1 (+)
7 OUT1 (-)
5 OUT2 (+)
3 OUT2 (-)
21 OUT3 (+)
23 OUT3 (-)
17 OUT4 (+)
19 OUT4 (-)
14 SVR
16 AC GND
1 TAB
13 SIG GND
2 8 18 24 PW-GND

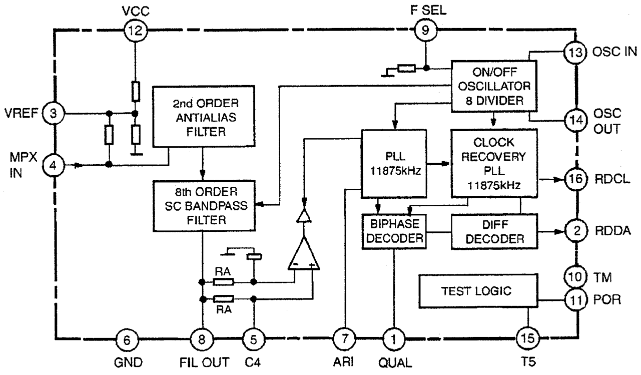
IC270 : YEAMTDA7384


BATR 8
7
CDLY 6
RESET 5
BAT 1
ACC 2
VREF
1.25V
3 ACCR
4 GND

IC601 : AN8065SE1

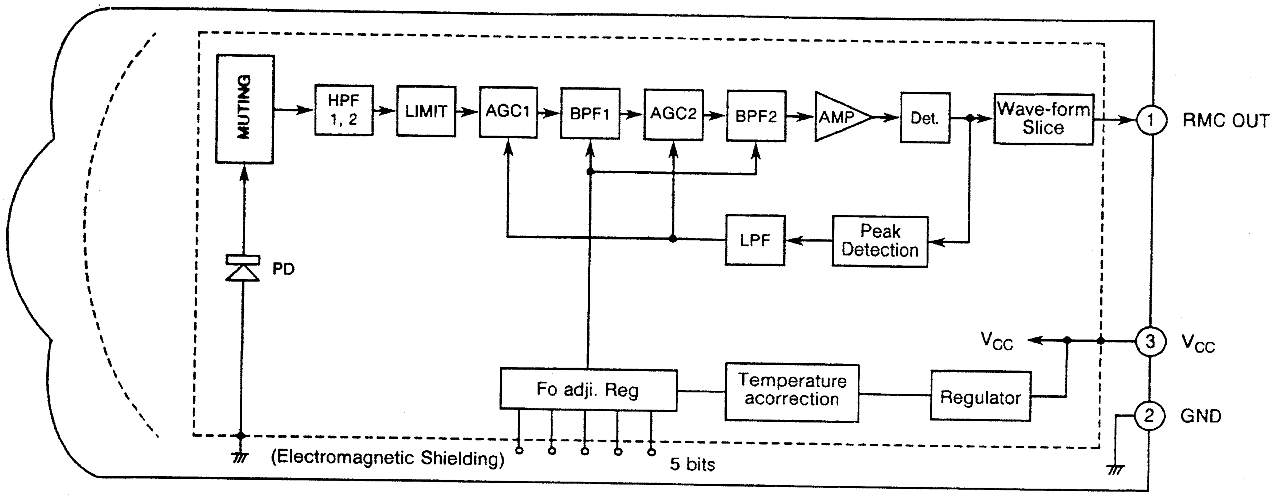

S1 1
S2 3
STB 8
R 2
DRIVER OUTPUT
BIAS
RECEIVER OUTPUT
COM
6 BUS (+)
5 BUS (-)
7 VCC
4 GND

IC652 : YEAMH12187ER


VCC 12
F SEL 9
VREF 3
MPX IN 4
2nd ORDER ANTIALIAS FILTER
8th ORDER SC BANDPASS FILTER
ON/OFF OSCILLATOR 8 DIVIDER
PLL 11875kHz
CLOCK RECOVERY PLL 11875kHz
BIPHASE DECODER
DIFF DECODER
TEST LOGIC
RA
RA
13 OSC IN
14 OSC OUT
16 RDCL
2 RDDA
10 TM
11 POR
6 GND
8 FIL OUT
5 C4
7 ARI
1 QUAL
15 T5

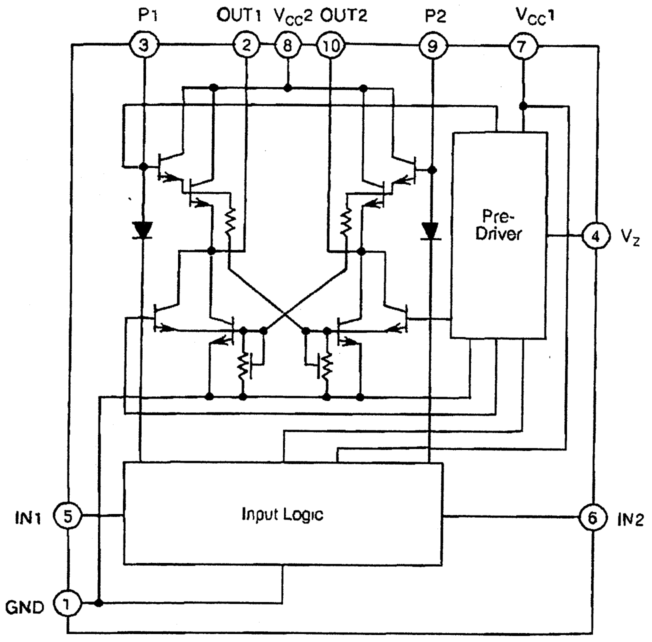
IC900 : YEAMDA7479D

14.2. Display Block

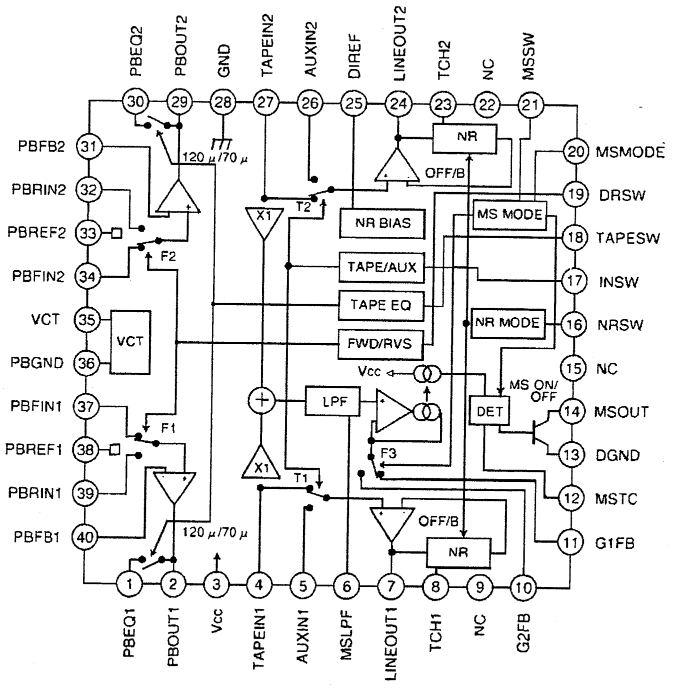

MUTING
HPF 1, 2
LIMIT
AGC1
BPF1
AGC2
BPF2
AMP
Det.
Wave-form Slice
1
RMC OUT
LPF
Peak Detection
PD
VCC
3
VCC
Fo adji. Reg
Temperature acorrection
Regulator
2
GND
(Electromagnetic Shielding)
5 bits

IC902 : YEAMSBX8035F

14.3. Tape Block <CQ-YS0920F>

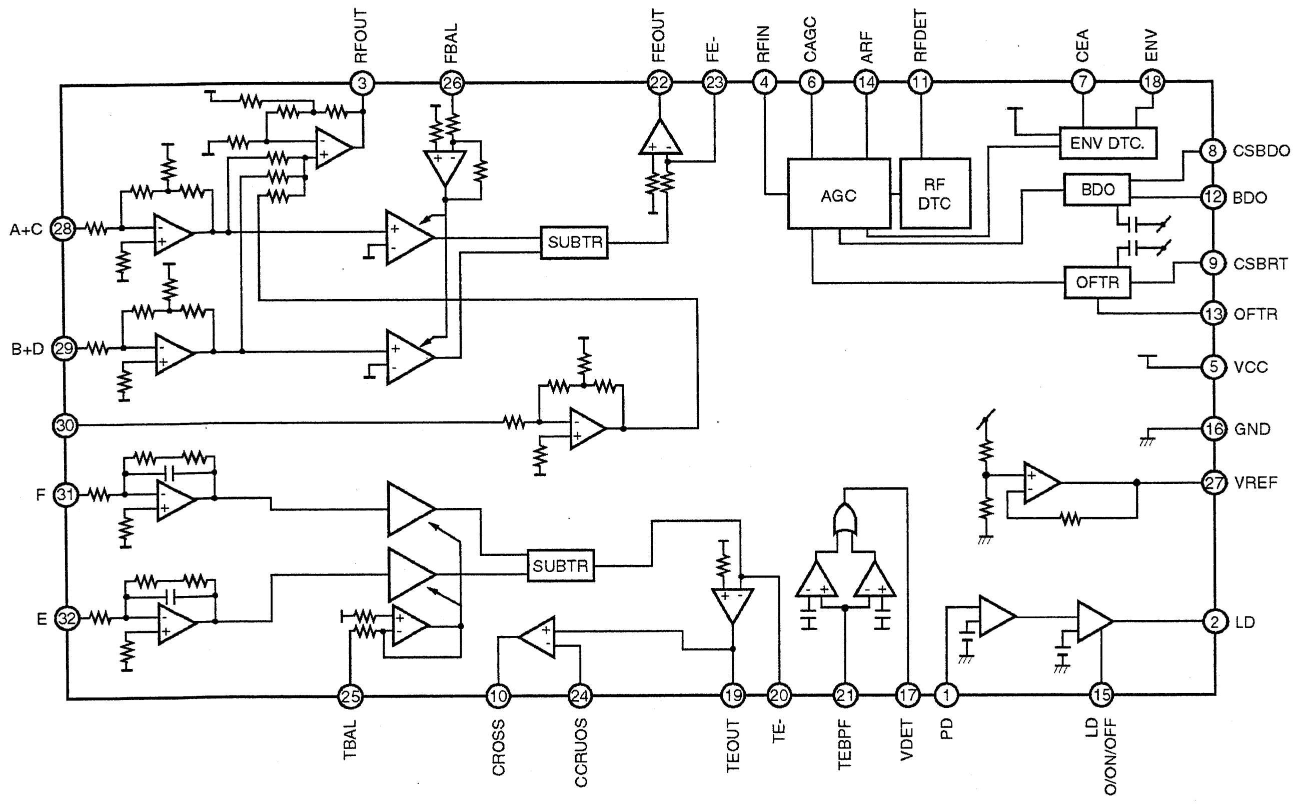

P1
OUT1
VCC2
OUT2
P2
VCC1
3
2
8
10
9
7
Pre-Driver
4
Vz
Input Logic
IN1
5
6
IN2
GND
1

IC1 : YEAMLB1641

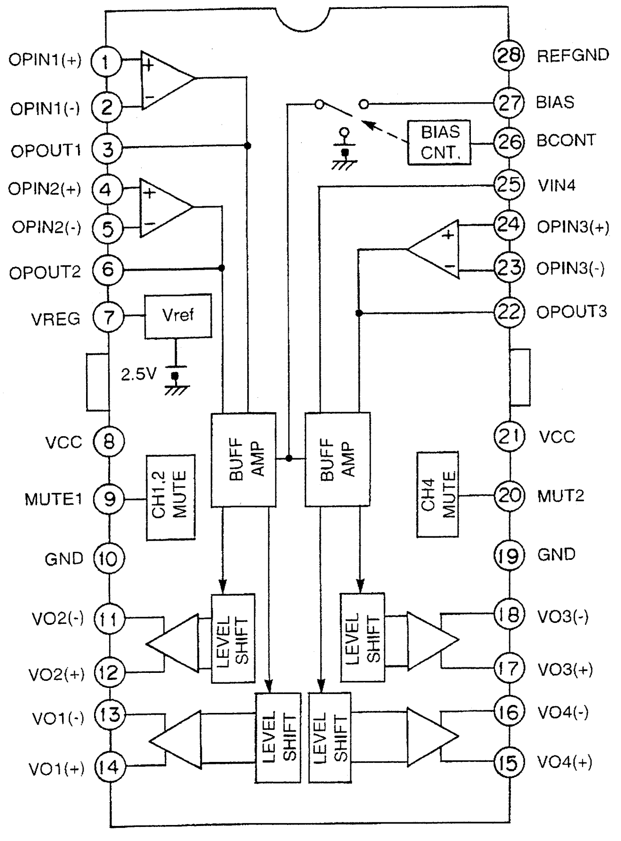

PBEQ2
PBOUT2
GND
TAPEIN2
AUXIN2
DIREF
LINEOUT2
TCH2
NC
MSSW
30
29
28
27
26
25
24
23
22
21
PBFB2
31
PBRIN2
32
PBREF2
33
PBFIN2
34
VCT
35
PBGND
36
PBFIN1
37
PBREF1
38
PBRIN1
39
PBFB1
40
20
MSMODE
19
DRSW
18
TAPESW
17
INSW
16
NRSW
15
NC
14
MSOUT
13
DGND
12
MSTC
11
G1FB
NR
OFF/B
120 μ/70 μ
X1
T2
NR BIAS
MS MODE
TAPE/AUX
TAPE EQ
NR MODE
FWD/RVS
VCT
F2
F1
Vcc
LPF
DET
MS ON/OFF
F3
T1
X1
OFF/B
NR
120 μ/70 μ
1
2
3
4
5
6
7
8
9
10
PBEQ1
PBOUT1
Vcc
TAPEIN1
AUXIN1
MSLPF
LINEOUT1
TCH1
NC
G2FB

IC2 : YEAMCX2510AQ

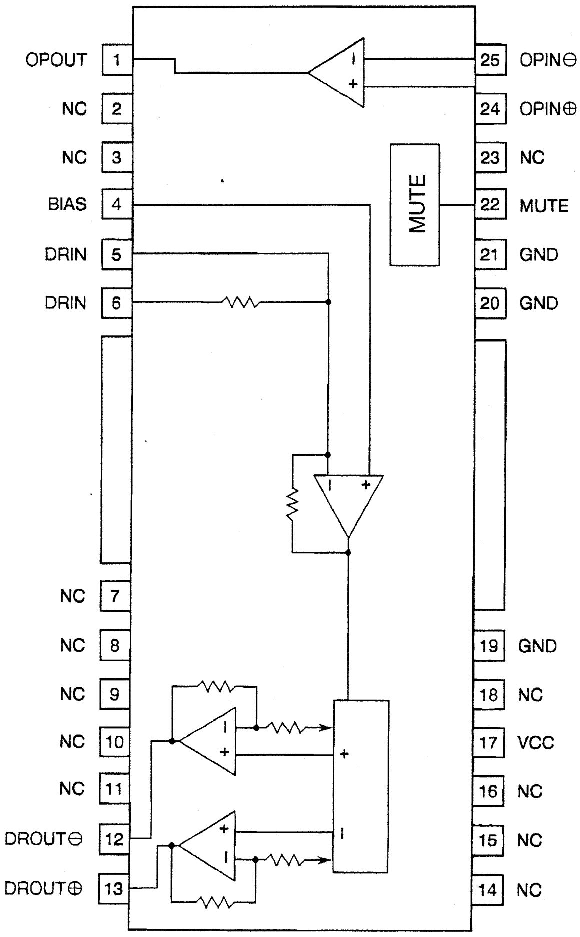
14.4. CD Servo BlocK <Only for CQ-JS0920/0921F>


RFOUT
3
FBAL
26
FEOUT
22
FE-
23
RFIN
4
CAGC
6
ARF
14
RFDET
11
CEA
7
ENV
18
ENV DTC.
8
CSBDO
AGC
RF DTC
BDO
12
BDO
9
CSBRT
OFTR
13
OFTR
5
VCC
16
GND
27
VREF
2
LD
A+C
28
SUBTR
B+D
29
30
F
31
SUBTR
E
32
25
TBAL
10
CROSS
24
CCRUOS
19
TEOUT
20
TE-
21
TEBPF
17
VDET
1
PD
15
LD
O/ON/OFF

IC101 : C1BB00000173


OPIN1(+) 1
OPIN1(-) 2
OPOUT1 3
OPIN2(+) 4
OPIN2(-) 5
OPOUT2 6
VREG 7
Vref
2.5V
VCC 8
MUTE1 9
CH1.2 MUTE
GND 10
VO2(-) 11
VO2(+) 12
VO1(-) 13
VO1(+) 14
BUFF AMP
BUFF AMP
LEVEL SHIFT
LEVEL SHIFT
LEVEL SHIFT
LEVEL SHIFT
BIAS CNT.
CH4 MUTE
28 REFGND
27 BIAS
26 BCONT
25 VIN4
24 OPIN3(+)
23 OPIN3(-)
22 OPOUT3
21 VCC
20 MUT2
19 GND
18 VO3(-)
17 VO3(+)
16 VO4(-)
15 VO4(+)

IC601 : C0GBY0000004


OPOUT 1
NC 2
NC 3
BIAS 4
DRIN 5
DRIN 6
NC 7
NC 8
NC 9
NC 10
NC 11
DROUT⊖ 12
DROUT⊕ 13
MUTE
25 OPIN⊖
24 OPIN⊕
23 NC
22 MUTE
21 GND
20 GND
19 GND
18 NC
17 VCC
16 NC
15 NC
14 NC

IC901 : C0GBY0000003

15 REPLACEMENT PARTS LIST <CQ-JS0920F>

Notes :

1. Be sure to make your orders of replacement parts according to this list.
2. Important safety notice: Components, identified by ⚠ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer´s specified parts.
3. Location keys in the remarks column indicates the general location of the parts shown in the exploded drawing, as in a road map.
4. The marking (RTL) indicates that Retention Time is limited for this item. After the discontinuation of assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.
5. "MCC" marks in remarks column are indicated supply parts of Matsushita Communication Industrial Corp. of America (MCC).

15.1. IC´s and Transistors

MAIN BLOCK [E6778A]

Ref. No.	Part No.	Part Name & Description	Remarks
IC201	YEAMEA6320TT	IC	
IC251	YEAMPC4570T1	IC	
IC270	YEAMTDA7384	IC	
IC400	YEAMLC72146T	IC	
IC600	C2BBGF000096	IC	
IC601	AN8065SE1	IC	
IC702	YEAMPC2910HF	IC	
IC703	AN78N05	IC	
IC704	YEAMPC78M08A	IC	
IC705	AN8009M-E1	IC	
IC900	YEAMDA7479D	IC	
PA51	YEAU03E052C	Electronic Tuner	
Q51	YEANA114EKTX	Transistor	
Q230	YEANC323TKT	Transistor	
Q231	YEANC323TKT	Transistor	
Q330	YEANC323TKT	Transistor	
Q331	YEANC323TKT	Transistor	
Q400	YEANFP1F3PT1	Transistor	
Q401	YEAN2SK536TB	Transistor	
Q403	B1GBCFNN0005	Transistor	
Q660	YEANA114EKTX	Transistor	
Q661	YEANFMC5KTX	Transistor	
Q701	YEAND1859T	Transistor	
Q702	YEANB1243QRT	Transistor	
Q703	YEANB1261ZT	Transistor	
Q704	YEANC143XKTX	Transistor	
Q705	2SD2139TA	Transistor	
Q708	YEANC114EUKT	Transistor	
Q709	YEANA114YKTX	Transistor	
Q710	YEAND1859T	Transistor	
Q901	B1ABCF000044	Transistor	

DISPLAY BLOCK [E8611A]

Ref. No.	Part No.	Part Name & Description	Remarks
IC901	YEAMLC75854T	IC	
IC902	YEAMSBX8035F	IC	
Q901	YEANA114EKTX	Transistor	

CD SERVO BLOCK [E8636A]

Ref. No.	Part No.	Part Name & Description	Remarks
IC101	C1BB00000173	IC	
IC201	MN662748RPMF	IC	
IC401	MN101C117AF	IC	
IC601	C0GBY0000004	IC	
IC901	C0GBY0000003	IC	
Q101	2SB766ATX	Transistor	
Q451	YEANC113ZKTX	Transistor	

AVC-LAN BLOCK [E8783A]

Ref. No.	Part No.	Part Name & Description	Remarks
IC651	C2BBGE000313	IC	
IC652	YEAMH12187ER	IC	
Q651	YEANA114EKTX	Transistor	
Q652	B1GBCFJN0005	Transistor	
Q653	YEANFP1F3PT1	Transistor	

15.2. Diodes

MAIN BLOCK [E6778A]

Ref. No.	Part No.	Part Name & Description	Remarks
D602	LN25RP	LED	
D606	MA151KTX	Diode	
D661	MA8068MTX	Diode	
D701	YEADDAM3MA47	Diode	
D702	YEAD11ES2T	Diode	
D703	B0BA5R700006	Diode	
D704	MA723TA	Diode	
D705	MA165TA	Diode	
D706	YEAD11ES2T	Diode	
D707	MA736TX	Diode	
D708	YEADRD91M1T2	Diode	

DISPLAY BLOCK [E8611A]

Ref. No.	Part No.	Part Name & Description	Remarks
D901	MA8056LMHTX	Diode	
D902	MA8056LMHTX	Diode	
D903	MA8056LMHTX	Diode	
D904	MA8056LMHTX	Diode	
D905	MA8056LMHTX	Diode	
D906	LN1371G63U	LED	
D907	LNJ301MPPJAB	LED	

CD SERVO BLOCK [E8636A]

Ref. No.	Part No.	Part Name & Description	Remarks
D1	YEADAN1102W	Diode	
D3	YEADAN1102W	Diode	
D6	YEADAN1102W	Diode	
D201	YEAD1SS355T1	Diode	
D401	MA151WKTX	Diode	
D601	YEAD1SS355T1	Diode	
Q1	YEADPS1101W	LED	
Q3	YEADPS1101W	LED	
Q6	YEADPS1101W	LED	

AVC-LAN BLOCK [E8783A]

Ref. No.	Part No.	Part Name & Description	Remarks
D651	YEAD1SS355T1	Diode	
D652	B0BC9R600001	Diode	
D653	B0BC9R600001	Diode	

15.3. Capacitors

MAIN BLOCK [E6778A]

Ref. No.	Part No.	Part Name & Description	Remarks
C51	ECEA1CKA470I	Electrolytic, 47µF 16WV	
C52	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C53	YECUS1H183KX	Ceramic, 0.018µF 50WV	
C56	YECUS1H183KX	Ceramic, 0.018µF 50WV	

Ref. No.	Part No.	Part Name & Description	Remarks
C57	YECUS1H102KX	Ceramic, 0.001µF 50WV	
C201	F1J1H121A034	Ceramic, 120PF 50WV	
C203	ECEA1HKA3R3I	Electrolytic, 3.3µF 50WV	
C204	ECEA1HKA3R3I	Electrolytic, 3.3µF 50WV	
C205	ECEA1HKA010I	Electrolytic, 1µF 50WV	
C208	YECUS1E333KX	Ceramic, 0.033µF 25WV	
C209	YECUS1H562KX	Ceramic, 0.0056µF 50WV	
C210	ECEA1CKA470I	Electrolytic, 47µF 16WV	
C211	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C212	F1J1H121A034	Ceramic, 120PF 50WV	
C230	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C231	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C240	ECEA1HKSR47I	Electrolytic, 0.47µF 50WV	
C241	ECEA1HKSR47I	Electrolytic, 0.47µF 50WV	
C249	YECUS1H122KX	Ceramic, 0.0012µF 50WV	
C250	YECUS1H122KX	Ceramic, 0.0012µF 50WV	
C251	ECEA1CKA470I	Electrolytic, 47µF 16WV	
C252	YECUS1H220JM	Ceramic, 22PF 50WV	
C253	YECUS1H220JM	Ceramic, 22PF 50WV	
C254	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C255	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C256	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C257	YECUV1H221JM	Ceramic, 220PF 50WV	
C258	YECUV1H221JM	Ceramic, 220PF 50WV	
C278	ECEA1AKS470I	Electrolytic, 47µF 10WV	
C279	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
C301	F1J1H121A034	Ceramic, 120PF 50WV	
C303	ECEA1HKA3R3I	Electrolytic, 3.3µF 50WV	
C304	ECEA1HKA3R3I	Electrolytic, 3.3µF 50WV	
C305	ECEA1HKA010I	Electrolytic, 1µF 50WV	
C308	YECUS1E333KX	Ceramic, 0.033µF 25WV	
C309	YECUS1H562KX	Ceramic, 0.0056µF 50WV	
C310	ECEA0JKA101I	Electrolytic, 100µF 6.3WV	
C311	ECEA1CKA470I	Electrolytic, 47µF 16WV	
C312	F1J1H121A034	Ceramic, 120PF 50WV	
C330	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C331	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C340	ECEA1HKSR47I	Electrolytic, 0.47µF 50WV	
C341	ECEA1HKSR47I	Electrolytic, 0.47µF 50WV	
C349	YECUS1H122KX	Ceramic, 0.0012µF 50WV	
C350	YECUS1H122KX	Ceramic, 0.0012µF 50WV	
C351	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C352	YECUS1H220JM	Ceramic, 22PF 50WV	
C353	YECUS1H220JM	Ceramic, 22PF 50WV	
C354	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C355	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C356	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C357	YECUV1H221JM	Ceramic, 220PF 50WV	
C358	YECUV1H221JM	Ceramic, 220PF 50WV	
C401	YECUS1H150JM	Ceramic, 15PF 50WV	
C402	YECUS1H150JM	Ceramic, 15PF 50WV	
C403	ECEA0JKA101I	Electrolytic, 100µF 6.3WV	
C404	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C408	YECUS1E223KX	Ceramic, 0.022µF 25WV	
C409	ECQV1H224JL2	Plastic Film, 0.22µF 50WV	
C410	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C412	ECEA1AKA221I	Electrolytic, 220µF 10WV	
C413	YECUS1H101JM	Ceramic, 100PF 50WV	
C414	ECEA1AKA221I	Electrolytic, 220µF 10WV	
C601	YECUS1H220JM	Ceramic, 22PF 50WV	
C602	YECUS1H220JM	Ceramic, 22PF 50WV	
C603	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C604	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C605	ECEA0JKS331I	Electrolytic, 330µF 6.3WV	
C606	ECEA0JKS331I	Electrolytic, 330µF 6.3WV	
C607	EECS5R5T473	Electrolytic, 0.047FD 5.5WV	
C608	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C611	YECUV1H104ZF	Ceramic, 0.1µF 50WV	
C612	YECUV1H104ZF	Ceramic, 0.1µF 50WV	
C631	ECEA1CKS470I	Electrolytic, 47µF 16WV	
C660	ECEA1HKS010I	Electrolytic, 1µF 50WV	
C661	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C690	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C702	ECEA0JKS470I	Electrolytic, 47µF 6.3WV	
C706	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C707	ECA1AM221I	Electrolytic, 220µF 10WV	
C710	ECA1CHG102B	Electrolytic, 1000µF 16WV	
C711	YECUS1C224KX	Ceramic, 0.22µF 16WV	
C712	ECEA1CKS470I	Electrolytic, 47µF 16WV	
C713	ECSH1CX475CR	Tantalum, 4.7µF 16WV	
C714	ECEA0JKS101I	Electrolytic, 100µF 6.3WV	
C715	YECUS1C224KX	Ceramic, 0.22µF 16WV	
C717	YECUS1C224KX	Ceramic, 0.22µF 16WV	
C718	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C719	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C720	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C722	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C723	ECEA0JKS470I	Electrolytic, 47µF 6.3WV	
C732	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C735	ECA1CDT472Y	Electrolytic, 4700µF 16WV	
C736	ECEA1HKS010I	Electrolytic, 1µF 50WV	
C737	YECUV2A102KX	Ceramic, 0.001µF 100WV	
C739	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C740	YECUV2A102KX	Ceramic, 0.001µF 100WV	
C741	YECUV2A102KX	Ceramic, 0.001µF 100WV	
C742	YECUV2A102KX	Ceramic, 0.001µF 100WV	
C743	YECUV2A102KX	Ceramic, 0.001µF 100WV	
C744	YECUV2A102KX	Ceramic, 0.001µF 100WV	
C745	YECUV2A102KX	Ceramic, 0.001µF 100WV	
C746	YECUV2A102KX	Ceramic, 0.001µF 100WV	
C901	ECEA0JKA470I	Electrolytic, 47µF 6.3WV	
C902	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C903	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C904	YECUS1H270JM	Ceramic, 27PF 50WV	
C905	YECUS1H270JM	Ceramic, 27PF 50WV	
C906	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C907	YECUV1H271JM	Ceramic, 270PF 50WV	
C909	YECUS1H471JM	Ceramic, 470PF 50WV	

DISPLAY BLOCK [E8611A]

Ref. No.	Part No.	Part Name & Description	Remarks
C901	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C902	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C903	YECUS1H681JM	Ceramic, 680PF 50WV	
C904	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C905	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C906	YECUS1H102KX	Ceramic, 0.001µF 50WV	
C912	YECUS1E104ZF	Ceramic, 0.1µF 25WV	

CD SERVO BLOCK [E8636A]

Ref. No.	Part No.	Part Name & Description	Remarks
C101	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C102	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C103	F3H0J1070005	Tantalum, 100µF 6.3WV	
C104	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C105	ECSH0JY475CR	Tantalum, 4.7µF 6.3WV	
C106	F1H1E273A011	Ceramic, 0.027µF 25WV	
C107	F1H1H152A201	Ceramic, 0.0015µF 50WV	
C108	YECUZ1H472KX	Ceramic, 0.0047µF 50WV	
C109	YECUZ1H102KX	Ceramic, 0.001µF 50WV	
C110	YECUZ1H102KX	Ceramic, 0.001µF 50WV	
C111	YECSW1A106MA	Tantalum, 10µF 10WV	
C112	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C113	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C115	YECUZ1H102KX	Ceramic, 0.001µF 50WV	
C116	YECUZ1H102KX	Ceramic, 0.001µF 50WV	
C117	YECUS1A105KX	Ceramic, 1µF 10WV	
C118	YECUZ1H471KX	Ceramic, 470PF 50WV	
C119	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C120	YECUZ1H561KX	Ceramic, 560PF 50WV	
C121	YECUZ1E123KX	Ceramic, 0.012µF 25WV	
C122	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C133	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C145	YECUZ1A124KX	Ceramic, 0.12µF 10WV	
C201	YECUZ1E123KX	Ceramic, 0.012µF 25WV	

Ref. No.	Part No.	Part Name & Description	Remarks
C203	YECUS1C334KX	Ceramic, 0.33µF 16WV	
C204	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C205	YECSW1A106MA	Tantalum, 10µF 10WV	
C206	F1H1A4740004	Ceramic, 0.47µF 10WV	
C208	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C209	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C210	YECSW1A106MA	Tantalum, 10µF 10WV	
C214	YECUS1C334KX	Ceramic, 0.33µF 16WV	
C451	F1H1A4740004	Ceramic, 0.47µF 10WV	
C453	YECUZ1H103KX	Ceramic, 0.01µF 50WV	
C601	YECUS1C334KX	Ceramic, 0.33µF 16WV	
C602	ECEV1CA470SP	Electrolytic, 47µF 16WV	
C603	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C605	YECUS1A105KX	Ceramic, 1µF 10WV	
C901	YECUS1C334KX	Ceramic, 0.33µF 16WV	
C903	YECUZ1C333KX	Ceramic, 0.033µF 16WV	

AVC-LAN BLOCK [E8783A]

Ref. No.	Part No.	Part Name & Description	Remarks
C651	YECUV2A103KX	Ceramic, 0.01µF 100WV	
C652	YECUV1H221JM	Ceramic, 220PF 50WV	
C653	YECUV1H221JM	Ceramic, 220PF 50WV	
C654	ECEV0JA101SP	Electrolytic, 100µF 6.3WV	
C655	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C658	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C740	YECUV2A103KX	Ceramic, 0.01µF 100WV	
C741	YECUV2A103KX	Ceramic, 0.01µF 100WV	

15.4. Resistors

MAIN BLOCK [E6778A]

Ref. No.	Part No.	Part Name & Description	Remarks
R50	ERJ6GEYJ5R6	Chip, 5.6Ω 1/10W	
R52	ERJ8GEYJ101V	Chip, 100Ω 1/8W	
R53	ERJ8GEYJ331V	Chip, 330Ω 1/8W	
R58	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R201	ERJ6GEYJ183	Chip, 18kΩ 1/10W	
R202	ERJ8GEYJ183V	Chip, 18kΩ 1/8W	
R204	ERD25TJ822	Carbon, 8.2kΩ 1/4W	
R205	ERJ6GEYJ183	Chip, 18kΩ 1/10W	
R230	ERJ8GEYJ101V	Chip, 100Ω 1/8W	
R235	ERJ8GEYJ101V	Chip, 100Ω 1/8W	
R241	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R243	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R251	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	
R252	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R253	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R254	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R255	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R256	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R257	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R301	ERJ6GEYJ183	Chip, 18kΩ 1/10W	
R302	ERJ6GEYJ183	Chip, 18kΩ 1/10W	
R304	ERD25TJ822	Carbon, 8.2kΩ 1/4W	
R305	ERJ6GEYJ183	Chip, 18kΩ 1/10W	
R330	ERJ8GEYJ101V	Chip, 100Ω 1/8W	
R335	ERJ8GEYJ101V	Chip, 100Ω 1/8W	
R341	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R343	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R351	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	
R352	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R353	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R354	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R355	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R356	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R357	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R401	ERJ6GEYJ152	Chip, 1.5kΩ 1/10W	
R402	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	
R406	ERJ6GEYJ182	Chip, 1.8kΩ 1/10W	
R407	ERJ6GEYJ561	Chip, 560Ω 1/10W	
R409	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R600	ERJ6GEYJ433	Chip, 43kΩ 1/10W	
R601	ERJ6GEYJ563	Chip, 56kΩ 1/10W	
R602	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R604	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R606	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R608	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R609	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R610	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R611	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R614	ERDS2TJ681	Carbon, 680Ω 1/4W	
R615	ERDS2TJ100	Carbon, 10Ω 1/4W	
R616	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R617	ERDS2TJ102	Carbon, 1kΩ 1/4W	
R618	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R619	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R620	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R621	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R622	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R623	ERJ6GEYJ184	Chip, 180kΩ 1/10W	
R629	ERD25VJ102	Carbon, 1kΩ 1/4W	
R630	ERD25VJ102	Carbon, 1kΩ 1/4W	
R631	ERD25VJ102	Carbon, 1kΩ 1/4W	
R639	ERJ6GEYJ184	Chip, 180kΩ 1/10W	
R645	ERJ6GEYJ223	Chip, 22kΩ 1/10W	
R646	ERJ6GEYJ682	Chip, 6.8kΩ 1/10W	
R649	ERDS2TJ473	Carbon, 47kΩ 1/4W	
R651	ERJ6GEYJ471	Chip, 470Ω 1/10W	
R653	ERDS2TJ102	Carbon, 1kΩ 1/4W	
R654	ERDS2TJ102	Carbon, 1kΩ 1/4W	
R660	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R661	ERJ6GEYJ393	Chip, 39kΩ 1/10W	
R673	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R677	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R678	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R679	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R686	ERJ6GEYJ272	Chip, 2.7kΩ 1/10W	
R690	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R691	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R692	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R693	ERDS2TJ102	Carbon, 1kΩ 1/4W	
R694	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R695	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R701	ERDS2FJ470	Carbon, 47Ω 1/4W	
R702	ERDS2FJ470	Carbon, 47Ω 1/4W	
R703	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R704	YER122R2703D	Metal Film, 270kΩ 1/10W	
R705	D1BD43020001	Metal, 43kΩ 1/10W	
R706	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R708	YER122P4701D	Metal Film, 4.7kΩ 1/10W	
R709	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R710	ERDS1FJ331	Carbon, 330Ω 1W	
R711	ERDS1FJ331	Carbon, 330Ω 1WW	
R712	ERD25FJ1R0	Carbon, 1Ω 1/4W	
R713	ERD25FJ1R0	Carbon, 1Ω 1/4W	
R714	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R715	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R716	ERDS1FJ681	Carbon, 680Ω 1/2W	
R718	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R719	ERDS1FJ820	Carbon, 82Ω 1/2W	
R720	ERDS2TJ103	Carbon, 10kΩ 1/4W	
R721	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R722	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R723	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	
R724	ERJ6GEYJ821	Chip, 820Ω 1/10W	
R725	ERD25TJ154	Carbon, 150kΩ 1/4W	
R726	ERDS2TJ472	Carbon, 4.7kΩ 1/4W	
R727	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R730	ERJ6GEYJ1R0V	Chip, 1Ω 1/10W	
R731	YER122P2702D	Metal Film, 27kΩ 1/10W	
R732	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R901	ERDS2TJ103	Carbon, 10kΩ 1/4W	
R902	ERDS2TJ103	Carbon, 10kΩ 1/4W	
R903	ERJ6GEYJ225V	Chip, 2.2MΩ 1/10W	
R904	ERJ6GEYJ102	Chip, 1kΩ 1/10W	

Ref. No.	Part No.	Part Name & Description	Remarks
R905	ERJ6GEYJ334	Chip, 330kΩ 1/10W	
R906	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	

DISPLAY BLOCK [E8611A]

Ref. No.	Part No.	Part Name & Description	Remarks
R901	ERJ6GEYJ4R7	Chip, 4.7Ω 1/10W	
R902	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R903	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R904	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R905	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R906	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R908	ERJ6GEYJ331	Chip, 330Ω 1/10W	
R909	ERJ6GEYJ4R7	Chip, 4.7Ω 1/10W	
R910	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R911	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R912	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R926	ERJ6GEYJ270	Chip, 27Ω 1/10W	
R929	ERJ8GEYJ471V	Chip, 470Ω 1/8W	

CD SERVO BLOCK [E8636A]

Ref. No.	Part No.	Part Name & Description	Remarks
R101	ERJ3GEYJ101V	Chip, 100Ω 1/16W	
R102	ERJ14YJ330H	Chip, 33Ω 1/4W	
R103	ERJ3GEYJ683V	Chip, 68kΩ 1/16W	
R104	ERJ3GEYJ683V	Chip, 68kΩ 1/16W	
R105	ERJ3GEYJ333V	Chip, 33kΩ 1/16W	
R106	ERJ3GEYJ184V	Chip, 180kΩ 1/16W	
R107	ERJ3GEYJ184V	Chip, 180kΩ 1/16W	
R108	ERJ3GEYJ823V	Chip, 82kΩ 1/16W	
R109	ERJ3GEYJ334V	Chip, 330kΩ 1/16W	
R110	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R111	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R112	ERJ3GEYJ393V	Chip, 39kΩ 1/16W	
R113	ERJ3GEYJ333V	Chip, 33kΩ 1/16W	
R114	ERJ3GEYJ153V	Chip, 15kΩ 1/16W	
R119	ERJ3GEYJ184V	Chip, 180kΩ 1/16W	
R120	ERJ3GEYJ333V	Chip, 33kΩ 1/16W	
R147	ERJ3GEYJ153V	Chip, 15kΩ 1/16W	
R207	ERJ3GEYJ473V	Chip, 47kΩ 1/16W	
R208	ERJ3GEYJ473V	Chip, 47kΩ 1/16W	
R209	ERJ3GEYJ391V	Chip, 390Ω 1/16W	
R210	ERJ3GEYJ334V	Chip, 330kΩ 1/16W	
R211	ERJ3GEYJ124V	Chip, 120kΩ 1/16W	
R213	ERJ3GEYJ470V	Chip, 47Ω 1/16W	
R214	ERJ3GEYJ272V	Chip, 2.7kΩ 1/16W	
R215	ERJ3GEYJ473V	Chip, 47kΩ 1/16W	
R401	ERJ3GEYJ563V	Chip, 56kΩ 1/16W	
R402	ERJ3GEYJ563V	Chip, 56kΩ 1/16W	
R404	ERJ3GEYJ473V	Chip, 47kΩ 1/16W	
R411	ERJ3GEYJ334V	Chip, 330kΩ 1/16W	
R454	ERJ6GEYJ271	Chip, 270Ω 1/10W	
R456	ERJ3GEYJ472V	Chip, 4.7kΩ 1/16W	
R461	ERJ3GEYJ823V	Chip, 82kΩ 1/16W	
R463	ERJ3GEYJ823V	Chip, 82kΩ 1/16W	
R466	ERJ3GEYJ823V	Chip, 82kΩ 1/16W	
R471	ERJ8GEYJ121V	Chip, 120Ω 1/8W	
R473	ERJ8GEYJ121V	Chip, 120Ω 1/8W	
R476	ERJ8GEYJ121V	Chip, 120Ω 1/8W	
R481	ERJ3GEYJ104V	Chip, 100kΩ 1/16W	
R601	ERJ3GEYJ123V	Chip, 12kΩ 1/16W	
R602	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R603	ERJ3GEYJ273V	Chip, 27kΩ 1/16W	
R604	ERJ3GEYJ124V	Chip, 120kΩ 1/16W	
R605	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R606	ERJ3GEYJ822V	Chip, 8.2kΩ 1/16W	
R607	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R608	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R609	ERJ3GEYJ472V	Chip, 4.7kΩ 1/16W	
R610	ERJ3GEYJ472V	Chip, 4.7kΩ 1/16W	
R613	ERJ3GEYJ122V	Chip, 1.2kΩ 1/16W	
R901	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R902	ERJ3GEYJ333V	Chip, 33kΩ 1/16W	

Ref. No.	Part No.	Part Name & Description	Remarks
R903	ERJ3GEYJ122V	Chip, 1.2kΩ 1/16W	

AVC-LAN BLOCK [E8783A]

Ref. No.	Part No.	Part Name & Description	Remarks
R662	ERJ8GEYJ680V	Chip, 68Ω 1/8W	
R663	ERJ8GEYJ101V	Chip, 100Ω 1/8W	
R664	ERJ8GEYJ101V	Chip, 100Ω 1/8W	
R665	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R667	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R668	ERJ6GEYJ473	Chip, 47kΩ 1/10W	

15.5. Connectors

MAIN BLOCK [E6778A]

Ref. No.	Part No.	Part Name & Description	Remarks
CJ620	K9ZZ00000176	Flat Cable, 14P	
CN601	YEAE012475	Connector, 12P	
CN620	YEAE012763	Connector, 14P	
CN652	K1ML04B00003	Connector, 4P	
CN701	YEAE012748	Connector, 16P	

DISPLAY BLOCK [E8611A]

Ref. No.	Part No.	Part Name & Description	Remarks
CJ640	YEAE012476	Connector, 12P	

CD SERVO BLOCK [E8636A]

Ref. No.	Part No.	Part Name & Description	Remarks
CN101	YEAESFW15R2E	Connector, 15P	
CN402	K1MN14B00028	Connector, 14P	
CN901	K1MN05B00010	Connector, 5P	
CN902	K1MN05B00009	Connector, 5P	

AVC-LAN BLOCK [E8783A]

Ref. No.	Part No.	Part Name & Description	Remarks
CN651	YEAE0110ASLB	Connector, 10P	
CN652	YEAE0104ASLB	Connector, 4P	
CN702	K1ML06B00002	Connector, 6P	

15.6. Electric Parts

SWITCHES

Ref. No.	Part No.	Part Name & Description	Remarks
SW2	ESE102MH2	Switch	
SW4	YEAS09275	Switch	
SW902	EVQPJH05K	Switch	
SW903	EVQPJH05K	Switch	
SW904	YEAS09312	Switch	
SW905	EVQPJH05K	Switch	
SW906	EVQPJH05K	Switch	
SW907	EVQPJH05K	Switch	
SW908	EVQPJH05K	Switch	
SW909	EVQPJH05K	Switch	
SW910	YEAS09312	Switch	
SW911	EVQPJH05K	Switch	
SW912	EVQPJH05K	Switch	
SW913	YEAS09312	Switch	
SW914	EVQPJH05K	Switch	
SW915	YEAS09312	Switch	
SW916	YEAS09312	Switch	
SW917	YEAS09312	Switch	
SW918	YEAS09312	Switch	
SW919	YEAS09312	Switch	
SW920	EVQPJH05K	Switch	
SW921	EVQPJH05K	Switch	
SW922	EVQPJH05K	Switch	
SW926	EVQPJH05K	Switch	

CRYSTALS

Ref. No.	Part No.	Part Name & Description	Remarks
XL400	YEXL49U072TA	Crystal OSC	
XL600	YEXL49U0419T	Crystal OSC	
XL901	YEXL49U0433T	Crystal OSC	
XL451	YEXLSTCC419T	Crystal OSC	
XL651	YEXLSTCC629T	Crystal OSC	

CERAMIC FILTERS

Ref. No.	Part No.	Part Name & Description	Remarks
XL201	H2D169500005	Ceramic Filter	

COILS

Ref. No.	Part No.	Part Name & Description	Remarks
L50	YELT02C330KT	Coil	
L400	YELT02C101KT	Coil	
L600	YELT02C470KT	Coil	
L601	YELT02C101KT	Coil	
L602	YELT02C470KT	Coil	
L702	YETQ026F143	Coil	
L901	YELT02C101KT	Coil	

LCD

Ref. No.	Part No.	Part Name & Description	Remarks
LCD901	YEXDCM1199	LCD	

LAMPS

Ref. No.	Part No.	Part Name & Description	Remarks
Z50	YEAL02010T	Neon Lamp	
PL920	YEALHSKG005	Pilot Lamp	
PL921	YEALHSLG003	Pilot Lamp	
PL922	YEALHSLG003	Pilot Lamp	

THERMISTORS

Ref. No.	Part No.	Part Name & Description	Remarks
PT701	YERT7AR4R7MT	Thermistor	

15.7. Accessories

PRINTING

Ref. No.	Part No.	Part Name & Description	Remarks
	YEFM283458	Instruction Book	

INSTALLATION PARTS

Ref. No.	Part No.	Part Name & Description	Remarks
	YEP9FZ2346	Trim Plate	
	YEJV12103	Screws	
	YEAJ02825	Power Cord	
	YEAA33144	Antenna Accessory	
	YEFA131259	Detachable Unit Cover	

15.8. Mechanical Parts

MISCELLANEOUS

Ref. No.	Part No.	Part Name & Description	Remarks
AJ3	YEAJ071285	Cord w/Plug	
AJ2	YEAJ071287	Cord w/Plug	
ANT51	YGAA10082	Antenna Receptacle	
AP1	YEAP2711	Flexible P.C.B.	
AT1-3	K4ZZ01000048	Terminal	
AT4	YEATSD00405	Bracket	
1	YEFA031359E	Upper Cover	(4-C)
2	YEFA05594B	Bottom Cover	(1-A)
3	YEFA07500	Front Plate	(2-C)
4	YEFA08461AK	Rear Plate	(3-C)
5	YEFA09456	Side Plate	(2-C)
6	YEFC025670	Escutcheon Ass´y, Unit	(2-C)
7	YEFC026587	Escutcheon Ass´y, Detachable	(1-A)
8	YEFA131358	Cover,Detachable	(2-B)
9	YEFE134685	Button,RLSE	(1-A)
10	YEFE135158	Button,PRESET	(1-A)
11	YEFE135150	Button,VOL UP	(2-A)
12	YEFE135151	Button,VOL DOWN	(2-A)
13	YEFE135152	Button,MODE/BAND	(2-A)
14	YEFE135165	Button,ATT/LOUD	(2-A)
15	YEFE135162	Button,SEL	(2-A)
16	YEFE135145	Button,PWR	(1-A)
17	YEFF011631	Heat Sink	(3-B)
18	YEFJ05030	Color Rivet	(3-C)
20	YGFK06748	Holder, LCD	(2-A)
21	YGFJ011336	Sensor Panel	(1-A)
23	YEFV011813	Insulator	(1-A)
24	YEFV021486	Optical Shade, LCD	(2-A)
25	YEFM03982	Laser Seal	(4-A)
26	YEFX0214422	Bracket, CN701	(3-C)
27	YEFX0214173	Bracket, LCD	(2-A)
28	YEFE134702	Button,EJECT	(1-A)
29	YEFX0213945B	Bracket, IC270	(2-B)
30	YAFX016027	Clamper	(4-B)
31	YEFX0214700	Bracket, Deck	(3-B)
32	YEFX0214167	Bracket, IC704	(3-C)
33	YEFX0011809	Transparent Plate	(2-A)
34	YEFX0214168	Bracket, IC702	(1-B)
35	YEFX0214689	Bracket	(3-C)
36	YGFX0011740A	Transparent Plate	(2-A)
37	YEFX0011738	Transparent Plate	(2-A)
38	YEFX0052153	Spring	(2-A)
39	YEP9FZ1886A	Trim Plate	(2-B)
40	YEJS06092	Screw, 3mm * 10mm	
41	XTB3+6FFX	Tapping Screw, 3mm * 6mm	
42	YEJT03156	Tapping Screw, 2.6mm * 4mm	
43	XYN2+J4FX	Screw, 2mm * 4mm	
44	YEJT03009	Tapping Screw, 3mm * 8mm	
45	XTN2+8GFZ	Tapping Screw, 2mm * 8mm	
46	YEJT03247	Tapping Screw,	
47	XTB3+8GFX	Tapping Screw, 3mm * 8mm	
48	XTB3+5FFX	Tapping Screw, 3mm * 5mm	
50	YEP0PT6778Z9	PCB w/Component	RTL
51	YEP0PT8636Z9	PCB w/Component	RTL
52	YEP0PT8611X9	PCB w/Component	RTL
53	YEP0PT8783Z9	PCB w/Component	RTL
54	YEAJ011634	Cord, CD-CH/LAN	

16 REPLACEMENT PARTS LIST <CQ-JS0921F>

Notes :

1. Be sure to make your orders of replacement parts according to this list.
2. Important safety notice: Components, identified by ⚠ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.
3. Location keys in the remarks column indicates the general location of the parts shown in the exploded drawing, as in a road map.
4. The marking (RTL) indicates that Retention Time is limited for this item. After the discontinuation of assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.
5. "MCC" marks in remarks column are indicated supply parts of Matsushita Communication Industrial Corp. of America (MCC).

16.1. IC's and Transistors

MAIN BLOCK [E6739A]

Ref. No.	Part No.	Part Name & Description	Remarks
IC201	YEAMEA6320TT	IC	
IC270	YEAMTDA7384	IC	
IC400	YEAMLC72146T	IC	
IC600	C2BBGF000013	IC	
IC601	AN8065SE1	IC	
IC702	YEAMPC2910HF	IC	
IC703	AN78N05	IC	
IC704	YEAMPC78M08A	IC	
IC705	AN8009M-E1	IC	
IC900	YEAMDA7479D	IC	
PA51	YEAU03E052C	Electronic Tuner	
Q51	YEANA114EKTX	Transistor	
Q230	YEANC323TKT	Transistor	
Q231	YEANC323TKT	Transistor	
Q330	YEANC323TKT	Transistor	
Q331	YEANC323TKT	Transistor	
Q400	YEANFP1F3PT1	Transistor	
Q401	YEAN2SK536TB	Transistor	
Q403	B1GBCFNN0005	Transistor	
Q660	YEANA114EKTX	Transistor	
Q661	YEANA114EUKT	Transistor	
Q701	YEAND1859T	Transistor	
Q702	YEANB1243QRT	Transistor	
Q703	YEANB1261ZT	Transistor	
Q704	YEANC143XKTX	Transistor	
Q705	2SD2139TA	Transistor	
Q708	YEANC114EUKT	Transistor	
Q709	YEANA114YKTX	Transistor	
Q710	YEAND1859T	Transistor	
Q901	B1ABCF000044	Transistor	

DISPLAY BLOCK [E8611A]

Ref. No.	Part No.	Part Name & Description	Remarks
IC901	YEAMLC75854T	IC	
IC902	YEAMSBX8035F	IC	
Q901	YEANA114EKTX	Transistor	

CD SERVO BLOCK [E8636A]

Ref. No.	Part No.	Part Name & Description	Remarks
IC101	C1BB00000173	IC	
IC201	MN662748RPMF	IC	
IC401	MN101C117AF	IC	
IC601	C0GBY0000004	IC	
IC901	C0GBY0000003	IC	
Q101	2SB766ATX	Transistor	
Q451	YEANC113ZKTX	Transistor	

16.2. Diodes

MAIN BLOCK [E6739A]

Ref. No.	Part No.	Part Name & Description	Remarks
D602	LN25RP	LED	
D701	YEADDAM3MA47	Diode	
D702	MA165TA	Diode	
D703	B0BA5R700006	Diode	
D704	MA723TA	Diode	
D705	MA165TA	Diode	
D707	MA736TX	Diode	
D708	YEADRD91M1T2	Diode	

DISPLAY BLOCK [E8611A]

Ref. No.	Part No.	Part Name & Description	Remarks
D901	MA8056LMHTX	Diode	
D902	MA8056LMHTX	Diode	
D903	MA8056LMHTX	Diode	
D904	MA8056LMHTX	Diode	
D905	MA8056LMHTX	Diode	
D906	LN1371G63U	LED	
D907	LNJ301MPPJAB	LED	

CD SERVO BLOCK [E8636A]

Ref. No.	Part No.	Part Name & Description	Remarks
D1	YEADAN1102W	Diode	
D3	YEADAN1102W	Diode	
D6	YEADAN1102W	Diode	
D201	YEAD1SS355T1	Diode	
D401	MA151WKTX	Diode	
D601	YEAD1SS355T1	Diode	
Q1	YEADPS1101W	LED	
Q3	YEADPS1101W	LED	
Q6	YEADPS1101W	LED	

16.3. Capacitors

MAIN BLOCK [E6739A]

Ref. No.	Part No.	Part Name & Description	Remarks
C51	ECEA1CKA470I	Electrolytic, 47µF 16WV	
C52	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C53	YECUS1H183KX	Ceramic, 0.018µF 50WV	
C56	YECUS1H183KX	Ceramic, 0.018µF 50WV	
C57	YECUS1H102KX	Ceramic, 0.001µF 50WV	
C201	F1J1H121A034	Ceramic, 120PF 50WV	
C203	ECEA1HKA3R3I	Electrolytic, 3.3µF 50WV	
C205	ECEA1HKA010I	Electrolytic, 1µF 50WV	
C208	YECUS1E333KX	Ceramic, 0.033µF 25WV	
C209	YECUS1H562KX	Ceramic, 0.0056µF 50WV	
C210	ECEA1CKA470I	Electrolytic, 47µF 16WV	
C211	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C212	F1J1H121A034	Ceramic, 120PF 50WV	
C230	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C231	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C240	ECEA1HKSR47I	Electrolytic, 0.47µF 50WV	
C241	ECEA1HKSR47I	Electrolytic, 0.47µF 50WV	
C249	YECUS1H122KX	Ceramic, 0.0012µF 50WV	
C250	YECUS1H122KX	Ceramic, 0.0012µF 50WV	
C278	ECEA1AKS470I	Electrolytic, 47µF 10WV	
C279	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
C301	F1J1H121A034	Ceramic, 120PF 50WV	

Ref. No.	Part No.	Part Name & Description	Remarks
C303	ECEA1HKA3R3I	Electrolytic, 3.3μF 50WV	
C305	ECEA1HKA010I	Electrolytic, 1μF 50WV	
C308	YECUS1E333KX	Ceramic, 0.033μF 25WV	
C309	YECUS1H562KX	Ceramic, 0.0056μF 50WV	
C310	ECEA0JKA101I	Electrolytic, 100μF 6.3WV	
C311	ECEA1CKA470I	Electrolytic, 47μF 16WV	
C312	F1J1H121A034	Ceramic, 120PF 50WV	
C330	ECEA1CKS100I	Electrolytic, 10μF 16WV	
C331	ECEA1CKS100I	Electrolytic, 10μF 16WV	
C340	ECEA1HKSR47I	Electrolytic, 0.47μF 50WV	
C341	ECEA1HKSR47I	Electrolytic, 0.47μF 50WV	
C349	YECUS1H122KX	Ceramic, 0.0012μF 50WV	
C350	YECUS1H122KX	Ceramic, 0.0012μF 50WV	
C401	YECUS1H150JM	Ceramic, 15PF 50WV	
C402	YECUS1H150JM	Ceramic, 15PF 50WV	
C403	ECEA0JKA101I	Electrolytic, 100μF 6.3WV	
C404	YECUS1H103KX	Ceramic, 0.01μF 50WV	
C408	YECUS1E223KX	Ceramic, 0.022μF 25WV	
C409	ECQV1H224JL2	Plastic Film, 0.22μF 50WV	
C410	YECUS1H103KX	Ceramic, 0.01μF 50WV	
C412	ECEA1AKA221I	Electrolytic, 220μF 10WV	
C413	YECUS1H101JM	Ceramic, 100PF 50WV	
C414	ECEA1AKA221I	Electrolytic, 220μF 10WV	
C601	YECUS1H220JM	Ceramic, 22PF 50WV	
C602	YECUS1H220JM	Ceramic, 22PF 50WV	
C603	YECUS1C104KX	Ceramic, 0.1μF 16WV	
C604	YECUS1H103KX	Ceramic, 0.01μF 50WV	
C605	ECEA0JKS331I	Electrolytic, 330μF 6.3WV	
C607	EECS5R5T473	Electrolytic, 0.047FD 5.5WV	
C608	YECUS1C104KX	Ceramic, 0.1μF 16WV	
C609	YECUS1C224KX	Ceramic, 0.22μF 16WV	
C611	YECUS1E104ZF	Ceramic, 0.1μF 25WV	
C612	YECUV1H104ZF	Ceramic, 0.1μF 50WV	
C631	ECEA1CKS470I	Electrolytic, 47μF 16WV	
C660	ECEA1HKS010I	Electrolytic, 1μF 50WV	
C661	YECUS1H103KX	Ceramic, 0.01μF 50WV	
C690	YECUS1H103KX	Ceramic, 0.01μF 50WV	
C702	ECEA0JKS470I	Electrolytic, 47μF 6.3WV	
C705	YECUS1C224KX	Ceramic, 0.22μF 16WV	
C706	YECUS1C104KX	Ceramic, 0.1μF 16WV	
C707	ECA1AM221I	Electrolytic, 220μF 10WV	
C710	ECA1CHG102B	Electrolytic, 1000μF 16WV	
C711	YECUS1C224KX	Ceramic, 0.22μF 16WV	
C712	ECEA1CKS470I	Electrolytic, 47μF 16WV	
C713	ECSH1CX475CR	Tantalum, 4.7μF 16WV	
C714	ECEA0JKS101I	Electrolytic, 100μF 6.3WV	
C715	YECUS1C224KX	Ceramic, 0.22μF 16WV	
C717	YECUS1C224KX	Ceramic, 0.22μF 16WV	
C720	YECUS1C104KX	Ceramic, 0.1μF 16WV	
C722	YECUS1C104KX	Ceramic, 0.1μF 16WV	
C723	ECEA0JKS470I	Electrolytic, 47μF 6.3WV	
C732	YECUS1E104ZF	Ceramic, 0.1μF 25WV	
C735	ECA1CDT472Y	Electrolytic, 4700μF 16WV	
C736	ECEA1HKS010I	Electrolytic, 1μF 50WV	
C901	ECEA0JKA470I	Electrolytic, 47μF 6.3WV	
C902	YECUS1E104ZF	Ceramic, 0.1μF 25WV	
C903	YECUS1H103KX	Ceramic, 0.01μF 50WV	
C904	YECUS1H270JM	Ceramic, 27PF 50WV	
C905	YECUS1H270JM	Ceramic, 27PF 50WV	
C906	ECEA1CKA100I	Electrolytic, 10μF 16WV	
C907	YECUV1H271JM	Ceramic, 270PF 50WV	
C909	YECUS1H471JM	Ceramic, 470PF 50WV	

DISPLAY BLOCK [E8611A]

Ref. No.	Part No.	Part Name & Description	Remarks
C901	YECUS1E104ZF	Ceramic, 0.1μF 25WV	
C902	YECUS1E104ZF	Ceramic, 0.1μF 25WV	
C903	YECUS1H681JM	Ceramic, 680PF 50WV	
C904	YECUS1E104ZF	Ceramic, 0.1μF 25WV	
C905	YECUS1E104ZF	Ceramic, 0.1μF 25WV	
C906	YECUS1H102KX	Ceramic, 0.001μF 50WV	
C912	YECUS1E104ZF	Ceramic, 0.1μF 25WV	

CD SERVO BLOCK [E8636A]

Ref. No.	Part No.	Part Name & Description	Remarks
C101	YECUZ1C104KX	Ceramic, 0.1μF 16WV	
C102	YECUZ1C104KX	Ceramic, 0.1μF 16WV	
C103	F3H0J1070005	Tantalum, 100μF 6.3WV	
C104	YECUZ1C104KX	Ceramic, 0.1μF 16WV	
C105	ECSH0JY475CR	Tantalum, 4.7μF 6.3WV	
C106	F1H1E273A011	Ceramic, 0.027μF 25WV	
C107	F1H1H152A201	Ceramic, 0.0015μF 50WV	
C108	YECUZ1H472KX	Ceramic, 0.0047μF 50WV	
C109	YECUZ1H102KX	Ceramic, 0.001μF 50WV	
C110	YECUZ1H102KX	Ceramic, 0.001μF 50WV	
C111	YECSW1A106MA	Tantalum, 10μF 10WV	
C112	YECUZ1C104KX	Ceramic, 0.1μF 16WV	
C113	YECUZ1C104KX	Ceramic, 0.1μF 16WV	
C115	YECUZ1H102KX	Ceramic, 0.001μF 50WV	
C116	YECUZ1H102KX	Ceramic, 0.001μF 50WV	
C117	YECUS1A105KX	Ceramic, 1μF 10WV	
C118	YECUZ1H471KX	Ceramic, 470PF 50WV	
C119	YECUZ1C104KX	Ceramic, 0.1μF 16WV	
C120	YECUZ1H561KX	Ceramic, 560PF 50WV	
C121	YECUZ1E123KX	Ceramic, 0.012μF 25WV	
C122	YECUZ1C104KX	Ceramic, 0.1μF 16WV	
C133	YECUZ1C104KX	Ceramic, 0.1μF 16WV	
C145	YECUZ1A124KX	Ceramic, 0.12μF 10WV	
C201	YECUZ1E123KX	Ceramic, 0.012μF 25WV	
C203	YECUS1C334KX	Ceramic, 0.33μF 16WV	
C204	YECUZ1C104KX	Ceramic, 0.1μF 16WV	
C205	YECSW1A106MA	Tantalum, 10μF 10WV	
C206	F1H1A4740004	Ceramic, 0.47μF 10WV	
C208	YECUZ1C104KX	Ceramic, 0.1μF 16WV	
C209	YECUZ1C104KX	Ceramic, 0.1μF 16WV	
C210	YECSW1A106MA	Tantalum, 10μF 10WV	
C214	YECUS1C334KX	Ceramic, 0.33μF 16WV	
C451	F1H1A4740004	Ceramic, 0.47μF 10WV	
C453	YECUZ1H103KX	Ceramic, 0.01μF 50WV	
C601	YECUS1C334KX	Ceramic, 0.33μF 16WV	
C602	ECEV1CA470SP	Electrolytic, 47μF 16WV	
C603	YECUZ1C104KX	Ceramic, 0.1μF 16WV	
C605	YECUS1A105KX	Ceramic, 1μF 10WV	
C901	YECUS1C334KX	Ceramic, 0.33μF 16WV	
C903	YECUZ1C333KX	Ceramic, 0.033μF 16WV	

16.4. Resistors

MAIN BLOCK [E6739A]

Ref. No.	Part No.	Part Name & Description	Remarks
R50	ERJ6GEYJ5R6	Chip, 5.6Ω 1/10W	
R52	ERJ8GEYJ101V	Chip, 100Ω 1/8W	
R53	ERJ8GEYJ331V	Chip, 330Ω 1/8W	
R58	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R201	ERJ6GEYJ183	Chip, 18kΩ 1/10W	
R202	ERJ6GEYJ183	Chip, 18kΩ 1/10W	
R230	ERD25TJ101	Carbon, 100Ω 1/4W	
R235	ERD25TJ101	Carbon, 100Ω 1/4W	
R241	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R243	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R301	ERJ6GEYJ183	Chip, 18kΩ 1/10W	
R302	ERJ6GEYJ183	Chip, 18kΩ 1/10W	
R330	ERD25TJ101	Carbon, 100Ω 1/4W	
R335	ERD25TJ101	Carbon, 100Ω 1/4W	
R341	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R343	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R401	ERJ6GEYJ152	Chip, 1.5kΩ 1/10W	
R402	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	
R406	ERJ6GEYJ182	Chip, 1.8kΩ 1/10W	
R407	ERJ6GEYJ561	Chip, 560Ω 1/10W	
R409	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R600	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R602	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R604	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R606	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R608	ERJ6GEYJ102	Chip, 1kΩ 1/10W	

Ref. No.	Part No.	Part Name & Description	Remarks
R609	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R610	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R611	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R614	ERDS2TJ681	Carbon, 680Ω 1/4W	
R615	ERDS2TJ100	Carbon, 10Ω 1/4W	
R616	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R617	ERDS2TJ102	Carbon, 1kΩ 1/4W	
R618	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R619	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R620	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R621	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R622	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R623	ERJ6GEYJ184	Chip, 180kΩ 1/10W	
R629	ERD25VJ102	Carbon, 1kΩ 1/4W	
R630	ERD25VJ102	Carbon, 1kΩ 1/4W	
R631	ERD25VJ102	Carbon, 1kΩ 1/4W	
R639	ERJ6GEYJ184	Chip, 180kΩ 1/10W	
R645	ERJ6GEYJ223	Chip, 22kΩ 1/10W	
R646	ERJ6GEYJ682	Chip, 6.8kΩ 1/10W	
R649	ERDS2TJ473	Carbon, 47kΩ 1/4W	
R653	ERDS2TJ102	Carbon, 1kΩ 1/4W	
R654	ERDS2TJ102	Carbon, 1kΩ 1/4W	
R660	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R661	ERJ6GEYJ393	Chip, 39kΩ 1/10W	
R673	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R686	ERJ6GEYJ272	Chip, 2.7kΩ 1/10W	
R690	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R691	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R692	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R693	ERDS2TJ102	Carbon, 1kΩ 1/4W	
R694	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R695	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R701	ERDS2FJ470	Carbon, 47Ω 1/4W	
R702	ERDS2FJ470	Carbon, 47Ω 1/4W	
R703	ERJ6GEYJ682	Chip, 6.8kΩ 1/10W	
R704	ERJ6GEYJ274	Chip, 270kΩ 1/10W	
R705	ERJ6GEYJ433	Chip, 43kΩ 1/10W	
R706	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R707	ERJ6GEYJ274	Chip, 270kΩ 1/10W	
R708	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R709	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R710	ERDS1FJ331	Carbon, 330Ω 1W	
R711	ERDS1FJ331	Carbon, 330Ω 1W	
R712	ERD25FJ1R0	Carbon, 1Ω 1/4W	
R713	ERD25FJ1R0	Carbon, 1Ω 1/4W	
R714	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R715	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R716	ERDS1FJ681	Carbon, 680Ω 1/2W	
R718	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R719	ERDS1FJ820	Carbon, 82Ω 1/2W	
R720	ERDS2TJ103	Carbon, 10kΩ 1/4W	
R721	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R722	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R723	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	
R724	ERJ6GEYJ821	Chip, 820Ω 1/10W	
R725	ERD25TJ154	Carbon, 150kΩ 1/4W	
R726	ERDS2TJ472	Carbon, 4.7kΩ 1/4W	
R727	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R901	ERDS2TJ103	Carbon, 10kΩ 1/4W	
R902	ERDS2TJ103	Carbon, 10kΩ 1/4W	
R903	ERJ6GEYJ225V	Chip, 2.2MΩ 1/10W	
R904	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R905	ERJ6GEYJ334	Chip, 330kΩ 1/10W	
R906	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	

DISPLAY BLOCK [E8611A]

Ref. No.	Part No.	Part Name & Description	Remarks
R901	ERJ6GEYJ4R7	Chip, 4.7Ω 1/10W	
R902	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R903	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R904	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R905	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R906	ERJ6GEYJ102	Chip, 1kΩ 1/10W	

Ref. No.	Part No.	Part Name & Description	Remarks
R908	ERJ6GEYJ331	Chip, 330Ω 1/10W	
R909	ERJ6GEYJ4R7	Chip, 4.7Ω 1/10W	
R910	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R911	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R912	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R926	ERJ6GEYJ270	Chip, 27Ω 1/10W	
R929	ERJ8GEYJ471V	Chip, 470Ω 1/8W	

CD SERVO BLOCK [E8636A]

Ref. No.	Part No.	Part Name & Description	Remarks
R101	ERJ3GEYJ101V	Chip, 100Ω 1/16W	
R102	ERJ14YJ330H	Chip, 33Ω 1/4W	
R103	ERJ3GEYJ683V	Chip, 68kΩ 1/16W	
R104	ERJ3GEYJ683V	Chip, 68kΩ 1/16W	
R105	ERJ3GEYJ333V	Chip, 33kΩ 1/16W	
R106	ERJ3GEYJ184V	Chip, 180kΩ 1/16W	
R107	ERJ3GEYJ184V	Chip, 180kΩ 1/16W	
R108	ERJ3GEYJ823V	Chip, 82kΩ 1/16W	
R109	ERJ3GEYJ334V	Chip, 330kΩ 1/16W	
R110	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R111	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R112	ERJ3GEYJ393V	Chip, 39kΩ 1/16W	
R113	ERJ3GEYJ333V	Chip, 33kΩ 1/16W	
R114	ERJ3GEYJ153V	Chip, 15kΩ 1/16W	
R119	ERJ3GEYJ184V	Chip, 180kΩ 1/16W	
R120	ERJ3GEYJ333V	Chip, 33kΩ 1/16W	
R147	ERJ3GEYJ153V	Chip, 15kΩ 1/16W	
R207	ERJ3GEYJ473V	Chip, 47kΩ 1/16W	
R208	ERJ3GEYJ473V	Chip, 47kΩ 1/16W	
R209	ERJ3GEYJ391V	Chip, 390Ω 1/16W	
R210	ERJ3GEYJ334V	Chip, 330kΩ 1/16W	
R211	ERJ3GEYJ124V	Chip, 120kΩ 1/16W	
R213	ERJ3GEYJ470V	Chip, 47Ω 1/16W	
R214	ERJ3GEYJ272V	Chip, 2.7kΩ 1/16W	
R215	ERJ3GEYJ473V	Chip, 47kΩ 1/16W	
R401	ERJ3GEYJ563V	Chip, 56kΩ 1/16W	
R402	ERJ3GEYJ563V	Chip, 56kΩ 1/16W	
R404	ERJ3GEYJ473V	Chip, 47kΩ 1/16W	
R411	ERJ3GEYJ334V	Chip, 330kΩ 1/16W	
R454	ERJ6GEYJ271	Chip, 270Ω 1/10W	
R456	ERJ3GEYJ472V	Chip, 4.7kΩ 1/16W	
R461	ERJ3GEYJ823V	Chip, 82kΩ 1/16W	
R463	ERJ3GEYJ823V	Chip, 82kΩ 1/16W	
R466	ERJ3GEYJ823V	Chip, 82kΩ 1/16W	
R471	ERJ8GEYJ121V	Chip, 120Ω 1/8W	
R473	ERJ8GEYJ121V	Chip, 120Ω 1/8W	
R476	ERJ8GEYJ121V	Chip, 120Ω 1/8W	
R481	ERJ3GEYJ104V	Chip, 100kΩ 1/16W	
R601	ERJ3GEYJ123V	Chip, 12kΩ 1/16W	
R602	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R603	ERJ3GEYJ273V	Chip, 27kΩ 1/16W	
R604	ERJ3GEYJ124V	Chip, 120kΩ 1/16W	
R605	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R606	ERJ3GEYJ822V	Chip, 8.2kΩ 1/16W	
R607	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R608	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R609	ERJ3GEYJ472V	Chip, 4.7kΩ 1/16W	
R610	ERJ3GEYJ472V	Chip, 4.7kΩ 1/16W	
R613	ERJ3GEYJ122V	Chip, 1.2kΩ 1/16W	
R901	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R902	ERJ3GEYJ333V	Chip, 33kΩ 1/16W	
R903	ERJ3GEYJ122V	Chip, 1.2kΩ 1/16W	

16.5. Connectors

MAIN BLOCK [E6739A]

Ref. No.	Part No.	Part Name & Description	Remarks
CJ620	K9ZZ00000176	FLat Cable 14P	
CN601	YEAE012475	Connector, 12P	
CN620	YEAE012763	Connector, 14P	
CN701	YEAE012194	Connector, 16P	

DISPLAY BLOCK [E8611A]

Ref. No.	Part No.	Part Name & Description	Remarks
CJ640	YEAE012476	Connector, 12P	

CD SERVO BLOCK [E8636A]

Ref. No.	Part No.	Part Name & Description	Remarks
CN101	YEAESFW15R2E	Connector, 15P	
CN402	K1MN14B00028	Connector, 14P	
CN901	K1MN05B00010	Connector, 5P	
CN902	K1MN05B00009	Connector, 5P	

16.6. Electric Parts

SWITCHES

Ref. No.	Part No.	Part Name & Description	Remarks
SW2	ESE102MH2	Switch	
SW4	YEAS09275	Switch	
SW902	EVQPJH05K	Switch	
SW903	EVQPJH05K	Switch	
SW904	YEAS09312	Switch	
SW905-909	EVQPJH05K	Switch	
SW910	YEAS09312	Switch	
SW911	EVQPJH05K	Switch	
SW912	EVQPJH05K	Switch	
SW913	YEAS09312	Switch	
SW914	EVQPJH05K	Switch	
SW915-919	YEAS09312	Switch	
SW920	EVQPJH05K	Switch	
SW921	EVQPJH05K	Switch	
SW922	EVQPJH05K	Switch	
SW926	EVQPJH05K	Switch	

CRYSTALS

Ref. No.	Part No.	Part Name & Description	Remarks
XL400	YEXL49U072TA	Crystal OSC	
XL451	YEXLSTCC419T	Crystal OSC	
XL600	YEXL49U0419T	Crystal OSC	
XL901	YEXL49U0433T	Crystal OSC	

CERAMIC FILTERS

Ref. No.	Part No.	Part Name & Description	Remarks
Z50	J0LE00000002	Noise Filter	
XL201	H2D169500005	Ceramic Filter	

COILS

Ref. No.	Part No.	Part Name & Description	Remarks
L50	YELT02C330KT	Coil	
L400	YELT02C101KT	Coil	
L600	YELT02C470KT	Coil	
L601	YELT02C101KT	Coil	
L702	YETQ026F143	Coil	
L901	YELT02C101KT	Coil	

LCD

Ref. No.	Part No.	Part Name & Description	Remarks
LCD901	YEXDCM1199	LCD	

LAMPS

Ref. No.	Part No.	Part Name & Description	Remarks
PL920	YEALHSKG005	Pilot Lamp	
PL921	YEALHSLG003	Pilot Lamp	
PL922	YEALHSLG003	Pilot Lamp	

THERMISTORS

Ref. No.	Part No.	Part Name & Description	Remarks
PT701	YERT7AR4R7MT	Thermistor	

16.7. Accessories

PRINTING

Ref. No.	Part No.	Part Name & Description	Remarks
	YEFM283461	Instruction Book	

INSTALLATION PARTS

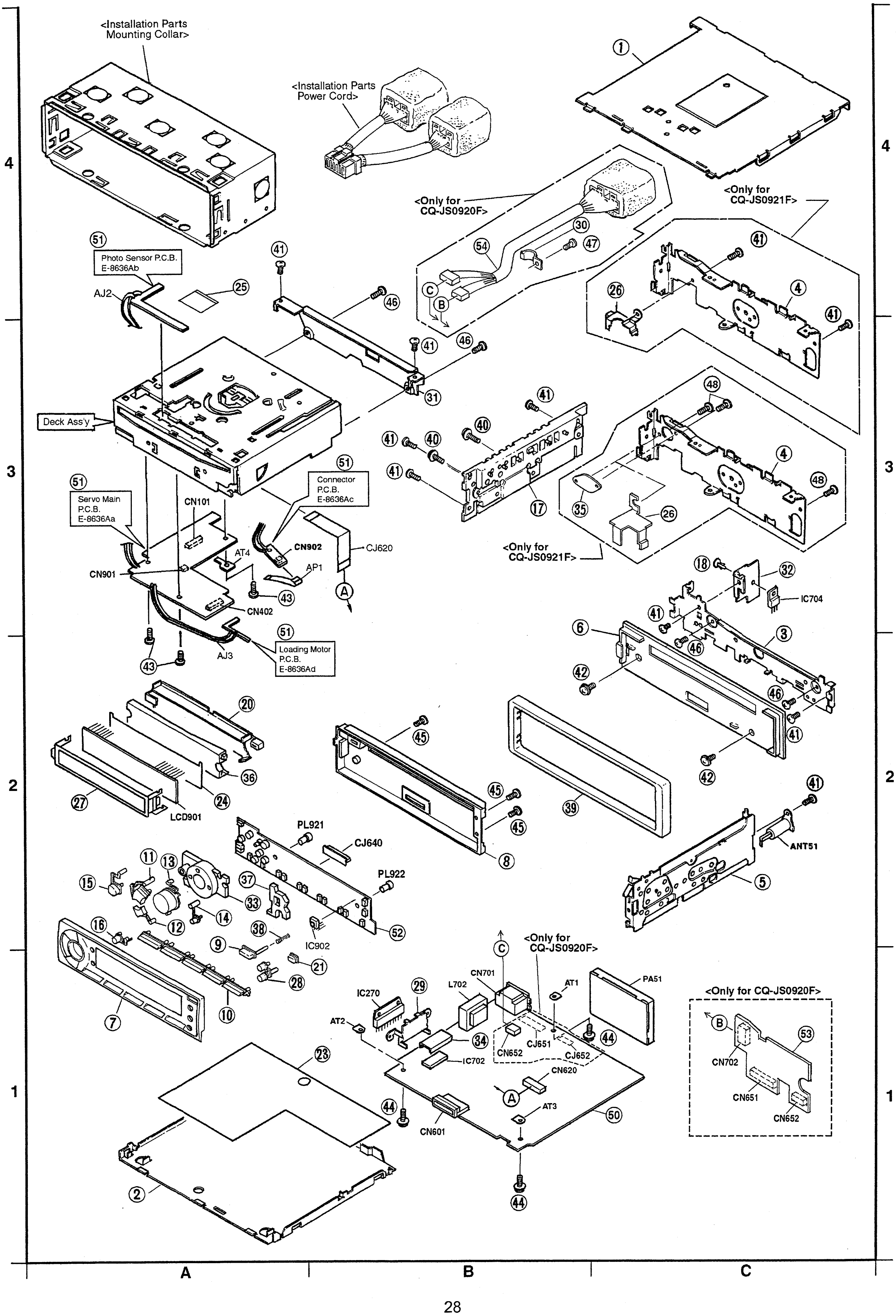
Ref. No.	Part No.	Part Name & Description	Remarks
	YEP9FZ2346	Trim Plate	
	YEJV12103	Screws	
	YEAJ02742B	Power Cord	
	YEAA33144	Antenna Accessory	
	YEFA131259	Detachable Unit Cover	

16.8. Mechanical Parts

MISCELLANEOUS

Ref. No.	Part No.	Part Name & Description	Remarks
AJ2	YEAJ071287	Cord w/Plug	
AJ3	YEAJ071285	Cord w/Plug	
ANT51	YGAA10082	Antenna Receptacle	
AP1	YEAP2711	Flexible P.C.B.	
AT1-3	K4ZZ01000048	Terminal	
AT4	YEATSD00405	Terminal	
1	YEFA031359E	Upper Cover	(4-C)
2	YEFA05594B	Bottom Cover	(1-A)
3	YEFA07500	Front Plate	(2-C)
4	YEFA08401AK	Rear Plate	(3-C)
5	YEFA09456	Side Plate	(2-C)
6	YEFC025670	Escutcheon Ass´y, Unit	(2-C)
7	YEFC026592	Escutcheon Ass´y, Detachable	(1-A)
8	YEFA131358	Cover,Detachable	(2-B)
9	YEFE134685	Button,RLSE	(1-A)
10	YEFE135158	Button,PRESET	(1-A)
11	YEFE135150	Button,VOL UP	(2-A)
12	YEFE135151	Button,VOL DOWN	(2-A)
13	YEFE135152	Button,MODE/BAND	(2-A)
14	YEFE135165	Button,ATT/LOUD	(2-A)
15	YEFE135162	Button,SEL	(2-A)
16	YEFE135145	Button,PWR	(1-A)
17	YEFF011631	Heat Sink	(3-B)
18	YEFJ05030	Color Rivet	(3-C)
20	YGFK06748	Holder, LCD	(2-A)
21	YGFJ011336	Sensor Panel	(1-A)
23	YEFV011813	Insulator	(1-A)
24	YEFV021486	Optical Shade, LCD	(2-A)
25	YEFM03982	Laser Seal	(4-A)
26	YEFX0213649A	Bracket, CN701	(3-C)
27	YEFX0214173	Bracket, LCD	(2-A)
28	YEFE134702	Button,EJECT	(1-A)
29	YEFX0213945B	Bracket, IC270	(2-B)
31	YEFX0214700	Bracket, Deck	(3-B)
32	YEFX0214167	Bracket, IC704	(3-C)
33	YEFX0011809	Transparent Plate	(2-A)
34	YEFX0214168	Bracket, IC702	(1-B)
36	YGFX0011740A	Transparent Plate	(2-A)
37	YEFX0011738	Transparent Plate	(2-A)
38	YEFX0052153	Spring	(2-A)
39	YEP9FZ1886A	Trim Plate	(2-B)
40	YEJS06092	Screw, 3mm * 10mm	
41	XTB3+6FFX	Tapping Screw, 3mm * 6mm	
42	YEJT03156	Tapping Screw, 2.6mm * 4mm	
43	XYN2+J4FX	Screw, 2mm * 4mm	
44	YEJT03009	Tapping Screw, 3mm * 8mm	
45	XTN2+8GFZ	Tapping Screw, 2mm * 8mm	
46	YEJT03247	Tapping Screw,	
50	YEP0PT6739W9	PCB w/Component	RTL
51	YEP0PT8636Z9	PCB w/Component	RTL
52	YEP0PT8611X9	PCB w/Component	RTL

17 EXPLODED VIEW (Unit) <CQ-JS0920/0921F>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Mounting Collar>
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Power Cord>
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CQ-JS0921F>
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Photo Sensor P.C.B.
E-8636Ab
AJ2
㉕
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(54)
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Deck Ass'y
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(51)
Connector
P.C.B.
E-8636Ac
(51)
Servo Main
P.C.B.
E-8636Aa
CN101
CN902
CJ620
AT4
AP1
CN901
㊸
CN402
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<Only for
CQ-JS0921F>
⑱
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IC704
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(51)
Loading Motor
P.C.B.
E-8636Ad
AJ3
㊸
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LCD901
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ANT51
PL921
CJ640
PL922
⑧
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⑫
⑭
⑯
㊳
(52)
⑨
IC902
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⑩
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<Only for
CQ-JS0920F>
CN701
AT1
PA51
IC270
㉙
L702
AT2
㉞
IC702
CN652
CJ651
CJ652
㊹
CN620
Ⓐ
㉓
AT3
㊹
CN601
㊿
②
㊹
<Only for CQ-JS0920F>
Ⓑ
(53)
CN702
CN651
CN652
1
2
3
4
A
B
C

18 REPLACEMENT PARTS LIST <CQ-YS0920F>

Notes :

1. Be sure to make your orders of replacement parts according to this list.
2. Important safety notice: Components, identified by ⚠ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer´s specified parts.
3. Location keys in the remarks column indicates the general location of the parts shown in the exploded drawing, as in a road map.
4. The marking (RTL) indicates that Retention Time is limited for this item. After the discontinuation of assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.
5. "MCC" marks in remarks column are indicated supply parts of Matsushita Communication Industrial Corp. of America (MCC).

18.1. IC´s and Transistors

MAIN BLOCK [E6778A]

Ref. No.	Part No.	Part Name & Description	Remarks
IC201	YEAMEA6320TT	IC	
IC251	YEAMPC4570T1	IC	
IC270	YEAMTDA7384	IC	
IC400	YEAMLC72146T	IC	
IC600	C2BBGF000095	IC	
IC601	AN8065SE1	IC	
IC704	YEAMPC78M08A	IC	
IC705	AN8009M-E1	IC	
IC900	YEAMDA7479D	IC	
PA51	YEAU03E052C	Electronic Tuner	
Q51	YEANA114EKTX	Transistor	
Q230	YEANC323TKT	Transistor	
Q231	YEANC323TKT	Transistor	
Q330	YEANC323TKT	Transistor	
Q331	YEANC323TKT	Transistor	
Q400	YEANFP1F3PT1	Transistor	
Q401	YEAN2SK536TB	Transistor	
Q403	B1GBCFNN0005	Transistor	
Q647	YEANC144EUTX	Transistor	
Q660	YEANA114EKTX	Transistor	
Q661	YEANFMC5KTX	Transistor	
Q701	YEAND1859T	Transistor	
Q703	YEANB1261ZT	Transistor	
Q704	YEANC143XKTX	Transistor	
Q705	2SD2139TA	Transistor	
Q709	YEANA114YKTX	Transistor	
Q710	YEAND1859T	Transistor	
Q901	B1ABCF000044	Transistor	

DISPLAY BLOCK [E8478A]

Ref. No.	Part No.	Part Name & Description	Remarks
IC901	YEAMLC75854T	IC	
IC902	YEAMSBX8035F	IC	
Q901	YEANA114EKTX	Transistor	

TAPE BLOCK [E8365]

Ref. No.	Part No.	Part Name & Description	Remarks
IC1	YEAMLB1641	IC	
IC2	YEAMCX2510AQ	IC	
Q1	YEANB1237QRT	Transistor	
Q2	YEANC113ZKTX	Transistor	
Q3	YEANC113ZKTX	Transistor	
Q4	YEANC113ZKTX	Transistor	

AVC-LAN BLOCK [E8783A]

Ref. No.	Part No.	Part Name & Description	Remarks
IC651	C2BBGE000313	IC	
IC652	YEAMH12187ER	IC	
Q652	B1GBCFJN0005	Transistor	
Q653	YEANFP1F3PT1	Transistor	

18.2. Diodes

MAIN BLOCK [E6778A]

Ref. No.	Part No.	Part Name & Description	Remarks
D602	LN25RP	LED	
D606	MA151KTX	Diode	
D661	MA8068MTX	Diode	
D701	YEADDAM3MA47	Diode	
D702	YEAD11ES2T	Diode	
D703	B0BA5R700006	Diode	
D704	MA723TA	Diode	
D705	MA165TA	Diode	
D706	YEAD11ES2T	Diode	
D707	MA736TX	Diode	
D708	YEADRD91M1T2	Diode	

DISPLAY BLOCK [E8478A]

Ref. No.	Part No.	Part Name & Description	Remarks
D901	MA8056LMHTX	Diode	
D902	MA8056LMHTX	Diode	
D903	MA8056LMHTX	Diode	
D904	MA8056LMHTX	Diode	
D905	MA8056LMHTX	Diode	
D906	LN1371G63U	LED	
D908	LNJ301MPPJAB	LED	
D909	LNJ301MPPJAB	LED	

TAPE BLOCK [E8365]

Ref. No.	Part No.	Part Name & Description	Remarks
D1	YEAD11ES2T	Diode	
D2	YEADRD43EST1	Diode	

AVC-LAN BLOCK [E8783A]

Ref. No.	Part No.	Part Name & Description	Remarks
D652	B0BC9R600001	Diode	
D653	B0BC9R600001	Diode	

18.3. Capacitors

MAIN BLOCK [E6778A]

Ref. No.	Part No.	Part Name & Description	Remarks
C51	ECA1CSA470I	Electrolytic, 47µF 16WV	
C52	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C53	YECUS1H183KX	Ceramic, 0.018µF 50WV	
C56	YECUS1H183KX	Ceramic, 0.018µF 50WV	
C57	YECUS1H102KX	Ceramic, 0.001µF 50WV	
C203	ECA1HSA3R3I	Electrolytic, 3.3µF 50WV	
C204	ECA1HSA3R3I	Electrolytic, 3.3µF 50WV	
C205	ECA1HSA010I	Electrolytic, 1µF 50WV	
C208	YECUS1E333KX	Ceramic, 0.033µF 25WV	
C209	YECUS1H562KX	Ceramic, 0.0056µF 50WV	
C210	ECA1CSA470I	Electrolytic, 47µF 16WV	
C211	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C230	ECA1CSA100I	Electrolytic, 10µF 16WV	
C231	ECA1CSA100I	Electrolytic, 10µF 16WV	
C240	ECEA1HKAR47I	Electrolytic, 0.47µF 50WV	

Ref. No.	Part No.	Part Name & Description	Remarks
C241	ECEA1HKAR47I	Electrolytic, 0.47µF 50WV	
C249	YECUS1H122KX	Ceramic, 0.0012µF 50WV	
C250	YECUS1H122KX	Ceramic, 0.0012µF 50WV	
C251	ECA1CSA470I	Electrolytic, 47µF 16WV	
C252	YECUS1H220JM	Ceramic, 22PF 50WV	
C253	YECUS1H220JM	Ceramic, 22PF 50WV	
C254	ECA1CSA100I	Electrolytic, 10µF 16WV	
C255	ECA1CSA100I	Electrolytic, 10µF 16WV	
C256	ECA1CSA100I	Electrolytic, 10µF 16WV	
C257	YECUV1H221JM	Ceramic, 220PF 50WV	
C258	YECUV1H221JM	Ceramic, 220PF 50WV	
C278	ECEA1AKA470I	Electrolytic, 47µF 10WV	
C279	ECEA1HKA2R2I	Electrolytic, 2.2µF 50WV	
C303	ECA1HSA3R3I	Electrolytic, 3.3µF 50WV	
C304	ECA1HSA3R3I	Electrolytic, 3.3µF 50WV	
C305	ECA1HSA010I	Electrolytic, 1µF 50WV	
C308	YECUS1E333KX	Ceramic, 0.033µF 25WV	
C309	YECUS1H562KX	Ceramic, 0.0056µF 50WV	
C310	ECA0JSA101I	Electrolytic, 100µF 6.3WV	
C311	ECA1CSA470I	Electrolytic, 47µF 16WV	
C330	ECA1CSA100I	Electrolytic, 10µF 16WV	
C331	ECA1CSA100I	Electrolytic, 10µF 16WV	
C340	ECA1HSAR47I	Electrolytic, 0.47µF 50WV	
C341	ECEA1HKAR47I	Electrolytic, 0.47µF 50WV	
C349	YECUS1H122KX	Ceramic, 0.0012µF 50WV	
C350	YECUS1H122KX	Ceramic, 0.0012µF 50WV	
C351	ECA1CSA100I	Electrolytic, 10µF 16WV	
C352	YECUS1H220JM	Ceramic, 22PF 50WV	
C353	YECUS1H220JM	Ceramic, 22PF 50WV	
C354	ECA1CSA100I	Electrolytic, 10µF 16WV	
C355	ECA1CSA100I	Electrolytic, 10µF 16WV	
C356	ECA1CSA100I	Electrolytic, 10µF 16WV	
C357	YECUV1H221JM	Ceramic, 220PF 50WV	
C358	YECUV1H221JM	Ceramic, 220PF 50WV	
C401	YECUS1H150JM	Ceramic, 15PF 50WV	
C402	YECUS1H150JM	Ceramic, 15PF 50WV	
C403	ECA0JSA101I	Electrolytic, 100µF 6.3WV	
C404	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C408	YECUS1E223KX	Ceramic, 0.022µF 25WV	
C409	ECQV1H224JL2	Plastic Film, 0.22µF 50WV	
C410	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C411	ECEA1AKA221I	Electrolytic, 220µF 10WV	
C413	YECUS1H101JM	Ceramic, 100PF 50WV	
C417	ECEA1AKA221I	Electrolytic, 220µF 10WV	
C601	YECUS1H220JM	Ceramic, 22PF 50WV	
C602	YECUS1H220JM	Ceramic, 22PF 50WV	
C603	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C604	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C606	ECEA0JKS331I	Electrolytic, 330µF 6.3WV	
C607	EECS5R5T473	Electrolytic, 0.047FD 5.5WV	
C608	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C611	YECUV1H104ZF	Ceramic, 0.1µF 50WV	
C612	YECUV1H104ZF	Ceramic, 0.1µF 50WV	
C631	ECA1CSA470I	Electrolytic, 47µF 16WV	
C660	ECEA1HKS010I	Electrolytic, 1µF 50WV	
C661	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C690	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C702	ECEA0JKA470I	Electrolytic, 47µF 6.3WV	
C706	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C707	ECEA1AKA221I	Electrolytic, 220µF 10WV	
C710	ECA1CM471B	Electrolytic, 470µF 16WV	
C715	YECUS1C224KX	Ceramic, 0.22µF 16WV	
C717	YECUS1C224KX	Ceramic, 0.22µF 16WV	
C718	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C719	ECA1CSA100I	Electrolytic, 10µF 16WV	
C720	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C722	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C723	ECEA0JKA470I	Electrolytic, 47µF 6.3WV	
C732	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C735	ECA1CDT472Y	Electrolytic, 4700µF 16WV	
C737	YECUV2A102KX	Ceramic, 0.001µF 100WV	
C738	ECEA1HKA010I	Electrolytic, 1µF 50WV	
C739	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C740	YECUV2A102KX	Ceramic, 0.001µF 100WV	
C741	YECUV2A102KX	Ceramic, 0.001µF 100WV	
C742	YECUV2A102KX	Ceramic, 0.001µF 100WV	
C743	YECUV2A102KX	Ceramic, 0.001µF 100WV	
C744	YECUV2A102KX	Ceramic, 0.001µF 100WV	
C745	YECUV2A102KX	Ceramic, 0.001µF 100WV	
C746	YECUV2A102KX	Ceramic, 0.001µF 100WV	
C901	ECEA0JKA470I	Electrolytic, 47µF 6.3WV	
C902	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C903	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C904	YECUS1H270JM	Ceramic, 27PF 50WV	
C905	YECUS1H270JM	Ceramic, 27PF 50WV	
C906	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C907	YECUV1H271JM	Ceramic, 270PF 50WV	
C909	YECUS1H471JM	Ceramic, 470PF 50WV	

DISPLAY BLOCK [E8478A]

Ref. No.	Part No.	Part Name & Description	Remarks
C901	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C902	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C903	YECUS1H681JM	Ceramic, 680PF 50WV	
C904	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C905	YECUS1E104ZF	Ceramic, 0.1µF 25WV	
C906	YECUS1H102KX	Ceramic, 0.001µF 50WV	
C912	YECUS1E104ZF	Ceramic, 0.1µF 25WV	

TAPE BLOCK [E8365]

Ref. No.	Part No.	Part Name & Description	Remarks
C1	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C2	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C3	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C4	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C5	ECEA1AKS330I	Electrolytic, 33µF 10WV	
C6	ECEA1CKS470I	Electrolytic, 47µF 16WV	
C7	ECEA1CKS470I	Electrolytic, 47µF 16WV	
C8	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
C9	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
C10	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C11	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C12	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C15	YECUS1E223KX	Ceramic, 0.022µF 25WV	
C16	YECUS1C224KX	Ceramic, 0.22µF 16WV	
C17	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C18	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C19	YECUS1H391JM	Ceramic, 390PF 50WV	
C20	YECUS1H391JM	Ceramic, 390PF 50WV	
C21	YECUS1H391JM	Ceramic, 390PF 50WV	
C22	YECUS1H391JM	Ceramic, 390PF 50WV	
C24	YECUS1H822KX	Ceramic, 0.0082µF 50WV	

AVC-LAN BLOCK [E8783A]

Ref. No.	Part No.	Part Name & Description	Remarks
C651	YECUV2A103KX	Ceramic, 0.01µF 100WV	
C652	YECUV1H221JM	Ceramic, 220PF 50WV	
C653	YECUV1H221JM	Ceramic, 220PF 50WV	
C654	ECEV0JA101SP	Electrolytic, 100µF 6.3WV	
C655	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C658	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C740	YECUV2A103KX	Ceramic, 0.01µF 100WV	
C741	YECUV2A103KX	Ceramic, 0.01µF 100WV	

18.4. Resistors

MAIN BLOCK [E6778A]

Ref. No.	Part No.	Part Name & Description	Remarks
R50	ERJ6GEYJ5R6	Chip, 5.6Ω 1/10W	
R52	ERJ8GEYJ101V	Chip, 100Ω 1/8W	
R53	ERJ8GEYJ331V	Chip, 330Ω 1/8W	
R58	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R202	ERJ8GEYJ562V	Chip, 5.6kΩ 1/8W	
R204	ERD25TJ822	Carbon, 8.2kΩ 1/4W	

Ref. No.	Part No.	Part Name & Description	Remarks
R205	ERJ6GEYJ183	Chip, 18kΩ 1/10W	
R209	ERJ6GEYJ392	Chip, 3.9kΩ 1/10W	
R230	ERJ8GEYJ101V	Chip, 100Ω 1/8W	
R235	ERJ8GEYJ101V	Chip, 100Ω 1/8W	
R241	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R243	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R251	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	
R252	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R253	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R254	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R255	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R256	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R257	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R302	ERJ6GEYJ562	Chip, 5.6kΩ 1/10W	
R304	ERD25TJ822	Carbon, 8.2kΩ 1/4W	
R305	ERJ6GEYJ183	Chip, 18kΩ 1/10W	
R309	ERJ6GEYJ392	Chip, 3.9kΩ 1/10W	
R330	ERJ8GEYJ101V	Chip, 100Ω 1/8W	
R335	ERJ8GEYJ101V	Chip, 100Ω 1/8W	
R341	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R343	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R351	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	
R352	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R353	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R354	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R355	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R356	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R357	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R401	ERJ6GEYJ152	Chip, 1.5kΩ 1/10W	
R402	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	
R406	ERJ6GEYJ182	Chip, 1.8kΩ 1/10W	
R407	ERJ6GEYJ561	Chip, 560Ω 1/10W	
R409	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R600	ERJ6GEYJ433	Chip, 43kΩ 1/10W	
R601	ERJ6GEYJ563	Chip, 56kΩ 1/10W	
R603	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R604	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R606	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R608	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R609	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R610	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R611	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R614	ERDS2TJ681	Carbon, 680Ω 1/4W	
R615	ERDS2TJ100	Carbon, 10Ω 1/4W	
R616	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R617	ERDS2TJ102	Carbon, 1kΩ 1/4W	
R618	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R619	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R620	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R621	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R622	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R623	ERJ6GEYJ184	Chip, 180kΩ 1/10W	
R626	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R629	ERD25VJ102	Carbon, 1kΩ 1/4W	
R630	ERD25VJ102	Carbon, 1kΩ 1/4W	
R631	ERD25VJ102	Carbon, 1kΩ 1/4W	
R635	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R636	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R637	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R638	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R639	ERJ6GEYJ184	Chip, 180kΩ 1/10W	
R643	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R644	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R647	ERJ8GEYJ682V	Chip, 6.8kΩ 1/8W	
R648	ERJ6GEYJ223	Chip, 22kΩ 1/10W	
R649	ERDS2TJ473	Carbon, 47kΩ 1/4W	
R651	ERJ6GEYJ471	Chip, 470Ω 1/10W	
R653	ERDS2TJ102	Carbon, 1kΩ 1/4W	
R654	ERDS2TJ102	Carbon, 1kΩ 1/4W	
R660	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R661	ERJ6GEYJ393	Chip, 39kΩ 1/10W	
R671	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R673	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R674	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R675	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R676	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R677	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R678	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R679	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R680	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R681	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R686	ERJ6GEYJ272	Chip, 2.7kΩ 1/10W	
R690	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R691	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R692	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R693	ERDS2TJ102	Carbon, 1kΩ 1/4W	
R694	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R695	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R701	ERDS2FJ470	Carbon, 47Ω 1/4W	
R702	ERDS2FJ470	Carbon, 47Ω 1/4W	
R703	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R704	YER122R2703D	Metal Film, 270kΩ 1/10W	
R705	D1BD43020001	Metal Film, 43kΩ 1/10W	
R706	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R708	YER122P4701D	Metal Film, 4.7kΩ 1/10W	
R709	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R710	ERDS1FJ331	Carbon, 330Ω 1W	
R711	ERDS1FJ331	Carbon, 330Ω 1W	
R712	ERD25FJ1R0	Carbon, 1Ω 1/4W	
R713	ERD25FJ1R0	Carbon, 1Ω 1/4W	
R714	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R718	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R719	ERDS1FJ820	Carbon, 82Ω 1/2W	
R720	ERDS2TJ103	Carbon, 10kΩ 1/4W	
R721	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R722	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R723	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	
R724	ERJ6GEYJ821	Chip, 820Ω 1/10W	
R725	ERD25TJ154	Carbon, 150kΩ 1/4W	
R726	ERDS2TJ472	Carbon, 4.7kΩ 1/4W	
R727	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R730	ERJ6GEYJ1R0V	Chip, 1Ω 1/10W	
R731	YER122P2702D	Metal Film, 27kΩ 1/10W	
R732	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R901	ERDS2TJ103	Carbon, 10kΩ 1/4W	
R902	ERDS2TJ103	Carbon, 10kΩ 1/4W	
R903	ERJ6GEYJ225V	Chip, 2.2MΩ 1/10W	
R904	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R905	ERJ6GEYJ334	Chip, 330kΩ 1/10W	
R906	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	

DISPLAY BLOCK [E8478A]

Ref. No.	Part No.	Part Name & Description	Remarks
R901	ERJ6GEYJ4R7	Chip, 4.7Ω 1/10W	
R902	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R903	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R904	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R905	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R906	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R908	ERJ6GEYJ331	Chip, 330Ω 1/10W	
R909	ERJ6GEYJ4R7	Chip, 4.7Ω 1/10W	
R910	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R911	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R912	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R914	ERJ6GEYJ561	Chip, 560Ω 1/10W	
R915	ERJ6GEYJ471	Chip, 470Ω 1/10W	
R926	ERJ6GEYJ390	Chip, 39Ω 1/10W	

TAPE BLOCK [E8365]

Ref. No.	Part No.	Part Name & Description	Remarks
R1	ERJ6GEYJ683	Chip, 68kΩ 1/10W	
R2	ERJ6GEYJ223	Chip, 22kΩ 1/10W	
R3	ERJ6GEYJ683	Chip, 68kΩ 1/10W	
R4	ERJ6GEYJ683	Chip, 68kΩ 1/10W	
R5	ERJ6GEYJ683	Chip, 68kΩ 1/10W	

Ref. No.	Part No.	Part Name & Description	Remarks
R6	ERJ6GEYJ271	Chip, 270Ω 1/10W	
R7	ERJ6GEYJ271	Chip, 270Ω 1/10W	
R8	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R9	ERJ6GEYJ392	Chip, 3.9kΩ 1/10W	
R12	ERJ8GEYJ103V	Chip, 10kΩ 1/8W	
R13	ERJ8GEYJ103V	Chip, 10kΩ 1/8W	
R14	ERJ8GEYJ103V	Chip, 10kΩ 1/8W	
R15	ERJ8GEYJ222V	Chip, 2.2kΩ 1/8W	
R17	ERJ6GEYJ223	Chip, 22kΩ 1/10W	
R18	ERG1SJ100	Metal Oxid, 10Ω 1W	
R19	ERJ6GEYJ121	Chip, 120Ω 1/10W	
R22	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R23	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R24	ERJ6GEYJ183	Chip, 18kΩ 1/10W	
R25	ERJ6GEYJ183	Chip, 18kΩ 1/10W	
R26	ERJ6GEYJ183	Chip, 18kΩ 1/10W	
R27	ERJ6GEYJ123	Chip, 12kΩ 1/10W	
R28	ERJ6GEYJ123	Chip, 12kΩ 1/10W	
R29	ERJ6GEYJ334	Chip, 330kΩ 1/10W	
R30	ERJ6GEYJ334	Chip, 330kΩ 1/10W	
R31	ERJ8GEYJ152V	Chip, 1.5kΩ 1/8W	
R33	ERJ8GEYJ101V	Chip, 100Ω 1/8W	

AVC-LAN BLOCK [E8783A]

Ref. No.	Part No.	Part Name & Description	Remarks
R662	ERJ8GEYJ680V	Chip, 68Ω 1/8W	
R663	ERJ8GEYJ101V	Chip, 100Ω 1/8W	
R664	ERJ8GEYJ101V	Chip, 100Ω 1/8W	
R666	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R668	ERJ6GEYJ473	Chip, 47kΩ 1/10W	

18.5. Connectors

MAIN BLOCK [E6778A]

Ref. No.	Part No.	Part Name & Description	Remarks
CJ620	YEAES22B100B	Connector, 22P flexible	
CN601	YEAE012475	Connector, 12P	
CN620	YEAE012659	Connector, 22P	
CN652	K1ML04B00003	Connector, 4P	
CN701	YEAE012748	Connector, 16P	

DISPLAY BLOCK [E8478A]

Ref. No.	Part No.	Part Name & Description	Remarks
CJ640	YEAE012476	Connector, 12P	

TAPE BLOCK [E8365]

Ref. No.	Part No.	Part Name & Description	Remarks
CN1	YEAE5597A09	Connector, 9P	
CN2	YEAE5325404	Connector, 4P	
CN3	YEAE012684	Connector, 5P	
CN4	YEAE012659	Connector, 22P	

AVC-LAN BLOCK [E8783A]

Ref. No.	Part No.	Part Name & Description	Remarks
CN651	YEAE0110ASLB	Connector, 10P	
CN652	YEAE0104ASLB	Connector, 4P	
CN702	K1ML06B00002	Connector, 6P	

18.6. Electric Parts

SWITCHES

Ref. No.	Part No.	Part Name & Description	Remarks
SW1	YEAS08031B62	Switch	
SW901	EVQPJH05K	Switch	
SW902	EVQPJH05K	Switch	
SW903	EVQPJH05K	Switch	
SW904	YEAS09312	Switch	
SW905	EVQPJH05K	Switch	
SW906	EVQPJH05K	Switch	
SW907	EVQPJH05K	Switch	
SW908	YEAS09312	Switch	
SW909	EVQPJH05K	Switch	
SW910	EVQPJH05K	Switch	
SW911	EVQPJH05K	Switch	
SW912	EVQPJH05K	Switch	
SW913	YEAS09312	Switch	
SW914	EVQPJH05K	Switch	
SW915	YEAS09312	Switch	
SW916	YEAS09312	Switch	
SW917	YEAS09312	Switch	
SW918	YEAS09312	Switch	
SW919	YEAS09312	Switch	
SW920	EVQPJH05K	Switch	
SW921	EVQPJH05K	Switch	
SW922	EVQPJH05K	Switch	
SW923	EVQPJH05K	Switch	
SW926	EVQPJH05K	Switch	

CRYSTALS

Ref. No.	Part No.	Part Name & Description	Remarks
XL400	YEXL49U072TA	Crystal OSC	
XL600	YEXL49U0419T	Crystal OSC	
XL651	YEXLSTCC629T	Crystal OSC	
XL901	YEXL49U0433T	Crystal OSC	

COILS

Ref. No.	Part No.	Part Name & Description	Remarks
L50	YELT02C330KT	Coil	
L400	YELT02C101KT	Coil	
L600	YELT02C470KT	Coil	
L602	YELT02C470KT	Coil	
L702	YETQ026F143	Coil	
L901	YELT02C101KT	Coil	

LCD

Ref. No.	Part No.	Part Name & Description	Remarks
LCD901	YEXDCM1199	LCD	

LAMPS

Ref. No.	Part No.	Part Name & Description	Remarks
Z50	YEAL02010T	Neon Lamp	
PL920	YEALHSKG005	Pilot Lamp	
PL921	YEALHSLG003	Pilot Lamp	
PL922	YEALHSLG003	Pilot Lamp	

VARIABLE RESISTORS

Ref. No.	Part No.	Part Name & Description	Remarks
VR1	EVNDCAA03BQ2	Variable Resistor	
VR2	EVNDCAA03BQ2	Variable Resistor	

THERMISTORS

Ref. No.	Part No.	Part Name & Description	Remarks
PT701	YERT7AR4R7MT	Thermistor	

18.7. Accessories

PRINTING

Ref. No.	Part No.	Part Name & Description	Remarks
	YEFM283459	Instruction Book	

INSTALLATION PARTS

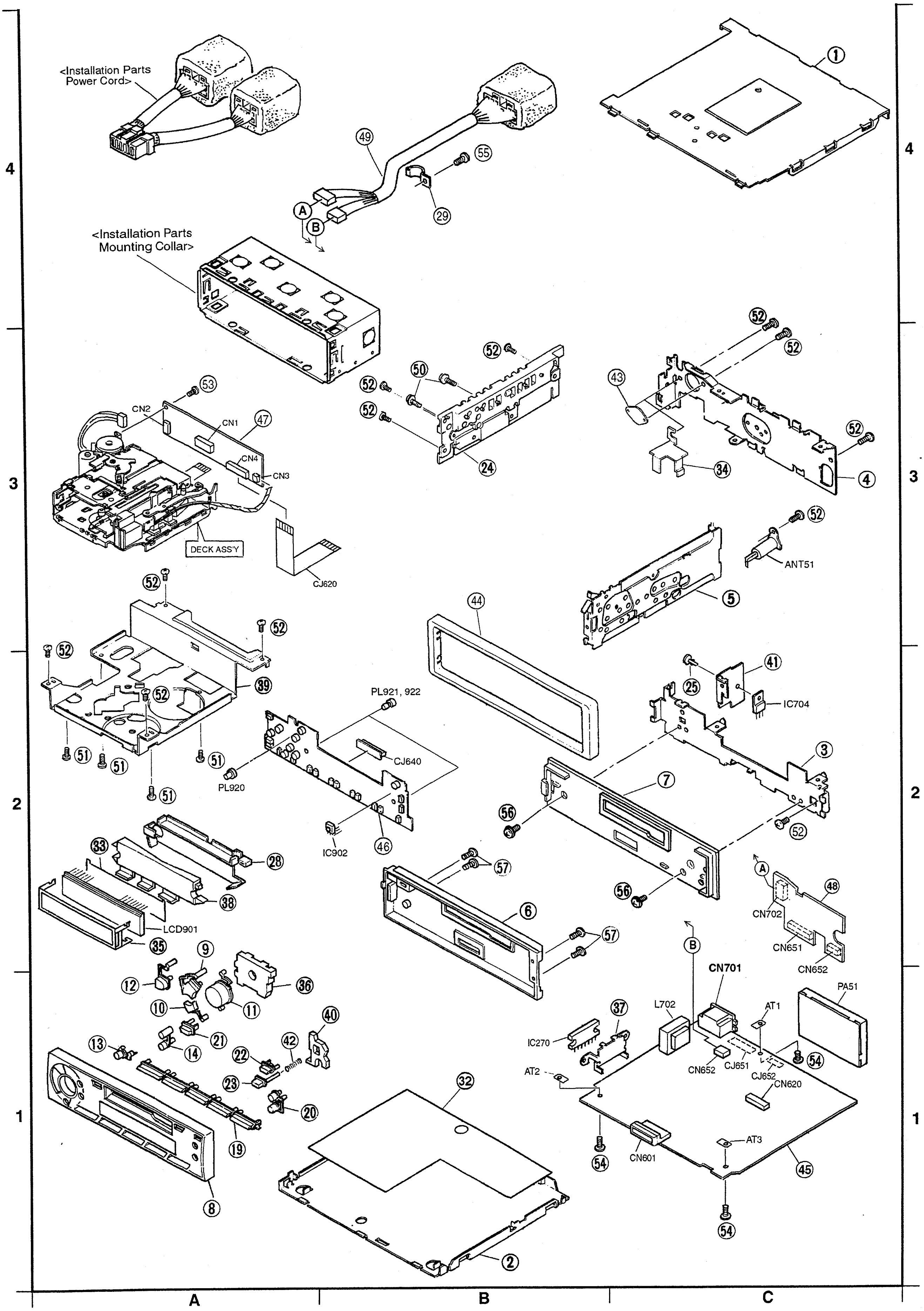
Ref. No.	Part No.	Part Name & Description	Remarks
	YEP9FZ2346	Trim Plate	
	YEJV12103	Screws	
	YEAJ02825	Power Cord	
	YEAA33144	Antenna Accessory	
	YEFA131259	Detachable Unit Cover	

18.8. Mechanical Parts

MISCELLANEOUS

Ref. No.	Part No.	Part Name & Description	Remarks
ANT51	YGAA10082	Antenna Receptacle	
AT1-3	K4ZZ01000048	Terminal	
TP201,301	YEAT03240	Terminal	
1	YEFA031354E	Upper Cover	(4-C)
2	YEFA05594B	Bottom Cover	(1-B)
3	YEFA07418	Front Plate	(2-C)
4	YEFA08461AK	Rear Plate	(3-C)
5	YEFA09456	Side Plate	(3-C)
6	YEFA131360	Cover,Detacher	(2-B)
7	YEFC026588	Escutcheon Ass´y, Unit	(2-B)
8	YEFC026590	Escutcheon Ass´y, Detachable	(1-A)
9	YEFE135150	Button,VOL UP	(1-A)
10	YEFE135151	Button,VOL DOWN	(1-A)
11	YEFE135152	Button,MODE/BAND	(1-A)
12	YEFE135162	Button,SEL	(1-A)
13	YEFE135145	Button,PWR	(1-A)
14	YEFE135165	Button,ATT/LOUD	(1-A)
19	YEFE135160	Button,PRESET	(1-A)
20	YEFE134705	Button,DISP	(1-A)
21	YEFE134683	Button,PROG	(1-A)
22	YEFE134684	Button,EJECT	(1-A)
23	YEFE134685	Button,RLSE	(1-A)
24	YEFF011631	Heat Sink	(3-B)
25	YEFJ05030	Color Rivet	(2-C)
26	YGFJ011336	Sensor Panel	(1-A)
28	YGFK06748	Holder, LCD	(2-A)
29	YAFX016027	Clamper	(4-B)
32	YEFV011813	Insulator	(1-B)
33	YEFV021486	Optical Shade, LCD	(2-A)
34	YEFX0214422	Bracket, CN701	(3-C)
35	YEFX0214173	Bracket, LCD	(2-A)
36	YEFX0011809	Transparent Plate	(1-A)
37	YEFX0213945B	Bracket, IC270	(1-B)
38	YGFX0011734A	Transparent Plate, LCD	(2-A)
39	YEFX0214901	Bracket, Deck	(2-A)
40	YGFX0011736	Transparent Plate	(1-A)
41	YEFX0214167	Bracket, IC704	(2-C)
42	YEFX0052153	Spring	(1-A)
43	YEFX0214689	Bracket	(3-C)
44	YEP9FZ1886A	Trim Plate	(2-B)
45	YEP0PT6778Y9	PCB w/Component	RTL
46	YEP0PT8478S9	PCB w/Component	RTL
47	YEP0PT8365Y9	PCB w/Component	RTL
48	YEP0PT8783Y9	PCB w/Component	RTL
49	YEAJ011634	Cord, CD-CH/LAN	
50	YEJS06092	Screw, 3mm * 10mm	
51	YEJS03022	Screw, 3mm * 3mm	
52	XTB3+6FFX	Tapping Screw, 3mm * 6mm	
53	YEJT03163	Tapping Screw, 2mm * 6mm	
54	YEJT03009	Tapping Screw, 3mm * 8mm	
55	XTB3+8GFX	Tapping Screw, 3mm * 8mm	
56	YEJT03156	Tapping Screw, 2.6mm * 4mm	
57	XTN2+8GFZ	Tapping Screw, 2mm * 8mm	
58	XTB3+5FFX	Tapping Screw, 3mm * 5mm	

19 EXPLODED VIEW (Unit) <CQ-YS0920F>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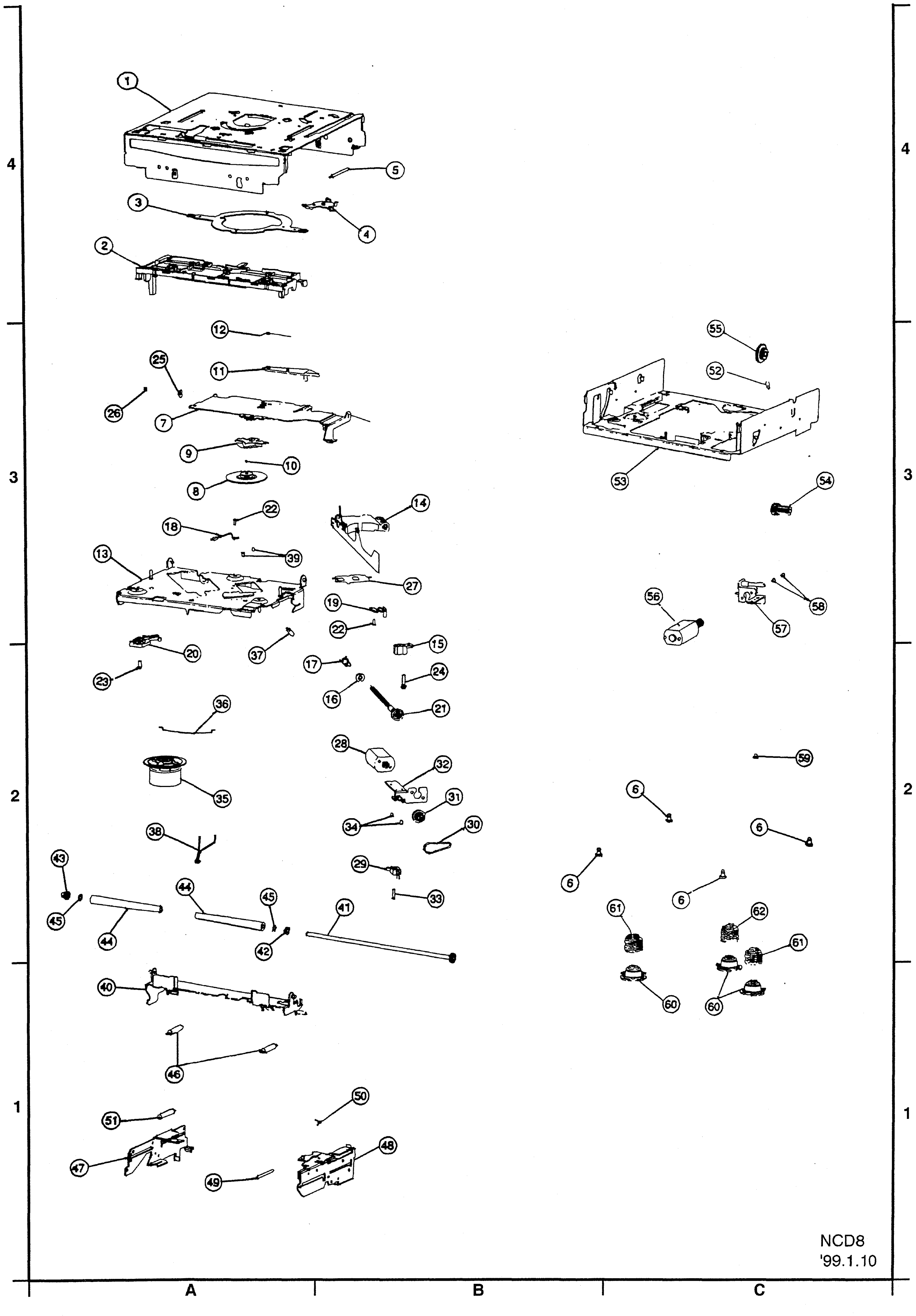
20 CD PLAYER PARTS <CQ-JS0920/0921F>

MISCELLANEOUS

Ref. No.	Part No.	Part Name & Description	Remarks
1	YGFA011781	Upper Chassis	(4-A)
2	YGFX236153	Disk Guide	(4-A)
3	YGFX0462017	Link Lever	(4-A)
4	YGFX0462018	Detection Lever (2)	(4-B)
5	YGFX0052357	Detection Lever (2) Spring	(4-B)
6	YEJT03131	Tapping Screw, 2.6 mm* 5mm	(2-C) (2-B)
7	YGFX249461	Clamp Arm	(3-A)
8	YGFX007640	Clamper	(3-A)
9	YGFX0052363	Clamper Spring Plate	(3-A)
10	YEFX999957	Ball Bearing	(3-A)
11	YGFX0462013	Detection Lever (1)	(3-A)
12	YGFX0052352	Detection Lever (1) Spring	(3-A)
13	YGFA011795	Suspension Chassis Ass´y	(3-A)
14	YEP0FX3100	Optical Pick-up Ass´y	(3-B)
15	YEFW04150	Feed Screw Housing A	(2-B)
16	YEFW04137A	Feed Screw Housing B	(2-B)
17	YGFX0052386	Thrust Adjusting Spring	(2-B)
18	YEFX236144B	Traverse Guide	(3-A)
19	YGFX9992027	Feed Screw Carrier	(3-B)
20	YEFX9991458A	FPC Holder	(2-A)
21	YGJT03240	Traverse Gear Ass´y	(2-B)
22	YEJS02037	Screw, (Pick-up)	(3-A) (3-B)
23	XYN2+C5FX	Screw, (FPC) 2mm * 5mm	(2-A)
24	XYN2+J10FX	Screw, (Housing) 2mm * 10m	(2-B)
25	YEFX0051590	Spring Washer	(3-A)
26	XUC15V	Retaining Ring, 1.5mm	(3-A)
27	YEFX9991806A	Sealed Plate	(3-B)
28	YGP0FX3503	Traverse Motor Ass´y	(2-B)
29	YEAS23151A	Inner Switch	(2-B)
30	YEFR03080	Rubber Belt	(2-B)
31	YEFX026124A	Idler Pulley	(2-B)
32	YGFX018611	Motor Bracket Ass´y	(2-B)
33	YEJS02018FZ	Screw, (SW)	(2-B)
34	XQN2+A25FX	Screw, 2mm * 25mm	(2-B)
35	YGP0FX3529	Spindle Motor Ass´y	(2-A)
36	YEFX0051991C	Spring (Motor)	(2-A)
37	YGFX0052353	Clamper Spring	(2-A)
38	YGAJ071286	Motor Cable	(2-A)
39	XQN17+A25FX	Screw, 1.7mm * 25mm	(3-A)
40	YGFX0462019	Feeder Arm Ass´y	(1-A)
41	YGP0FX3507	Roller Gear Ass´y	(2-B)
42	YEFW04144	Roller Shaft Collar (1)	(2-A)
43	YEFW04138	Roller Shaft Collar (2)	(2-A)
44	YEFX218282	Rubber Roller	(2-A)
45	YEJW04128	Washer	(2-A)
46	YGFX0052362	Spring (Feeder Arm)	(1-A)
47	YGFX0462015	Suspension Lock Plate (L)	(1-A)
48	YGP0FX3504	Suspension Lock Plate (R) Ass´y	(1-B)
49	YGFX0052355	Spring (Rack Gear)	(1-A)
50	YGFX0052356	Spring (Rack Lock Lever)	(1-B)
51	YGFX0052360	Spring (Suspension Lock Plate L)	(1-A)
52	YGFX0052361	Spring (Lock Plate)	(3-C)
53	YGFA011779	Bottom Chassis Ass´y	(3-C)
54	YGFX003940	Driving Gear (1)	(3-C)
55	YGFX003941	Driving Gear (2)	(3-C)
56	YGP0FX3506	Loding Motor Ass´y	(3-C)
57	YGFX018605	Loding Motor Bracket Ass´y	(3-C)
58	XQN2+A25FX	Screw, (Motor) 2mm * 25mm	(3-C)
59	YEJS06188	Screw	(2-C)
60	YEFS04693	Oil Dumper	(1-C)
61	YGFX0052358	Suspension Spring (A)	(2-C)
62	YGFX0052359	Suspension Spring (B)	(2-C)

21 EXPLODED VIEW (CD Deck) <CQ-JS0920/0921F>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22 TAPE PLAYER PARTS <CQ-YS0920F>

22.1. IC´s and Transistors

[E8365]

Ref. No.	Part No.	Part Name & Description	Remarks
IC1	YEAMLB1641	IC	
IC2	YEAMCX2510AQ	IC	
Q1	YEANB1237QRT	Transistor	
Q2	YEANC113ZKTX	Transistor	
Q3	YEANC113ZKTX	Transistor	
Q4	YEANC113ZKTX	Transistor	

22.2. Diodes

[E8365]

Ref. No.	Part No.	Part Name & Description	Remarks
D1	YEAD11ES2	Diode	
D2	YEADRD43EST1	Diode	

22.3. Capacitors

[E8365]

Ref. No.	Part No.	Part Name & Description	Remarks
C1	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C2	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C3	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C4	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C5	ECEA1AKS330I	Electrolytic, 33µF 10WV	
C6	ECEA1CKS470I	Electrolytic, 47µF 16WV	
C7	ECEA1CKS470I	Electrolytic, 47µF 16WV	
C8	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
C9	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
C10	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C11	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C12	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C15	YECUS1E223KX	Ceramic, 0.022µF 25WV	
C16	YECUS1C224KX	Ceramic, 0.22µF 16WV	
C17	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C18	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C19	YECUS1H391JM	Ceramic, 390PF 50WV	
C20	YECUS1H391JM	Ceramic, 390PF 50WV	
C21	YECUS1H391JM	Ceramic, 390PF 50WV	
C22	YECUS1H391JM	Ceramic, 390PF 50WV	
C24	YECUS1H822KX	Ceramic, 0.0082µF 50WV	

22.4. Resistors

[E8365]

Ref. No.	Part No.	Part Name & Description	Remarks
J101	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J102	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J103	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J104	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J105	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J106	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J107	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J108	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J109	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J110	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J111	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J112	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J113	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J114	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J115	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J116	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J117	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J118	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J119	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J120	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J121	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J122	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J123	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J124	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J125	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
J126	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
R1	ERJ6GEYJ683	Chip, 68kΩ 1/10W	
R2	ERJ6GEYJ223	Chip, 22kΩ 1/10W	
R3	ERJ6GEYJ683	Chip, 68kΩ 1/10W	
R4	ERJ6GEYJ683	Chip, 68kΩ 1/10W	
R5	ERJ6GEYJ683	Chip, 68kΩ 1/10W	
R6	ERJ6GEYJ271	Chip, 270Ω 1/10W	
R7	ERJ6GEYJ271	Chip, 270Ω 1/10W	
R8	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R9	ERJ6GEYJ392	Chip, 3.9kΩ 1/10W	
R12	ERJ8GEYJ103V	Chip, 10kΩ 1/8W	
R13	ERJ8GEYJ103V	Chip, 10kΩ 1/8W	
R14	ERJ8GEYJ103V	Chip, 10kΩ 1/8W	
R15	ERJ8GEYJ222V	Chip, 2.2kΩ 1/8W	
R17	ERJ6GEYJ223	Chip, 22kΩ 1/10W	
R18	ERG1SJ100	Metal Oxid, 10Ω 1W	
R19	ERJ6GEYJ121	Chip, 120Ω 1/10W	
R22	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R23	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R24	ERJ6GEYJ183	Chip, 18kΩ 1/10W	
R25	ERJ6GEYJ183	Chip, 18kΩ 1/10W	
R26	ERJ6GEYJ183	Chip, 18kΩ 1/10W	
R27	ERJ6GEYJ123	Chip, 12kΩ 1/10W	
R28	ERJ6GEYJ123	Chip, 12kΩ 1/10W	
R29	ERJ6GEYJ334	Chip, 330kΩ 1/10W	
R30	ERJ6GEYJ334	Chip, 330kΩ 1/10W	
R31	ERJ8GEYJ152V	Chip, 1.5kΩ 1/8W	
R33	ERJ8GEYJ101V	Chip, 100Ω 1/8W	

22.5. Connectors

[E8365]

Ref. No.	Part No.	Part Name & Description	Remarks
CN1	YEAE5597A09	Connector, 9P	
CN2	YEAE5325404	Connector, 4P	
CN3	YEAE012684	Connector, 5P	
CN4	YEAE012659	Connector, 22P	

22.6. Electric Parts

SWITCHES

Ref. No.	Part No.	Part Name & Description	Remarks
SW1	YEAS08031B62	Switch	

VARIABLE RESISTORS

Ref. No.	Part No.	Part Name & Description	Remarks
VR1	EVNDCAA03BQ2	Variablr resistor	
VR2	EVNDCAA03BQ2	Variablr resistor	

OTHER

Ref. No.	Part No.	Part Name & Description	Remarks
TP201	YEAT03240	Terminal	
TP301	YEAT03240	Terminal	

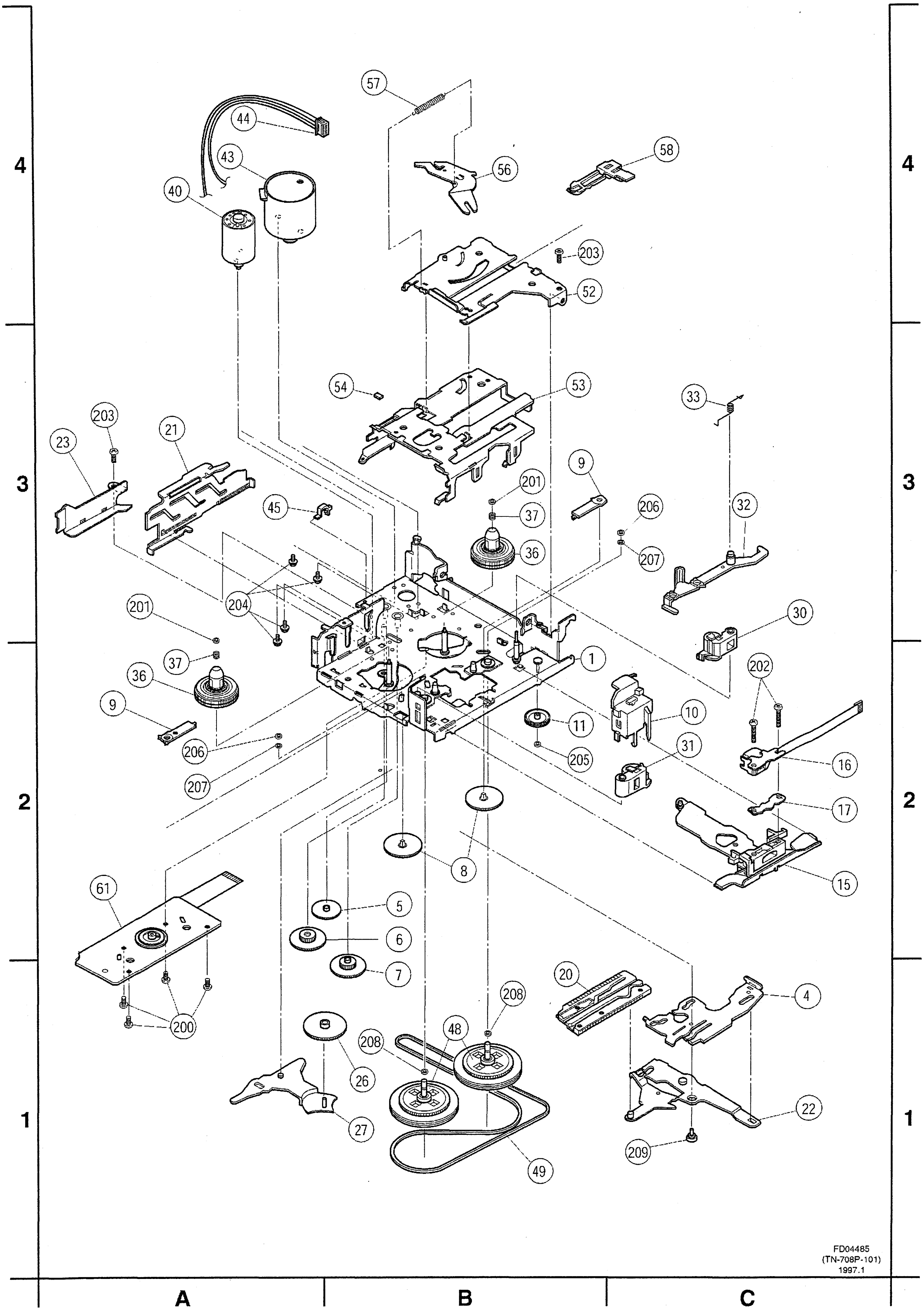
22.7. Mechanical Parts

MISCELLANEOUS

Ref. No.	Part No.	Part Name & Description	Remarks
1	YESFA01055	Chassis Rivet Ass´y	(2-B)

Ref. No.	Part No.	Part Name & Description	Remarks
4	YESFX046056	Main Plate	(1-C)
5	YESFX003049	B Gear	(2-B)
6	YESFX003050	C Gear	(2-A)
7	YESFX003051	D Gear	(1-B)
8	YESFX003052	P Gear	(2-B)
9	YESFX003053	P.G Plate	(2-A) (3-B)
10	YESFG02021	Guide BKT	(2-C)
11	YESFX026013	Middle Pulley	(2-B)
15	YESFX046057	Head Panel Ass´y	(2-C)
16	YESAH006	P.Head P-5544SD-9949	(2-C)
17	YESFX046058	Head SP Plate	(2-C)
20	YESFX046059	O.P Plate Ass´y	(1-B)
21	YESFX215015	Eject Lever Rivet Ass´y	(3-A)
22	YESFX046060	S.B Plate Rivet Ass´y	(1-C)
23	YESFX046061	O.P Plate Holder	(3-A)
26	YESFX003054	FR Gear	(1-B)
27	YESFX046062	FR Plate	(1-A)
30	YESFX218011	Pinch Roller Arm (F) Ass´y	(3-C)
31	YESFX218012	Pinch Roller Arm (R) Ass´y	(2-C)
32	YESFX046063	SW Actuator B	(3-C)
33	YESFX005088	SA Spring M	(3-C)
36	YESFX209007	Reel Ass´y	(2-A) (3-B)
37	YESFX005074	B.Tension Spring (F)	(2-A) (3-B)
40	YESAK01013	Sub Motor Ass´y	(4-A)
43	YESAK01014	Main Motor Ass´y	(4-A)
44	YESAE283	M Conector Ass´y	(4-A)
45	YESFX006002	Wire Clamper	(3-A)
48	YESFX213004	FL Capstan Ass´y	(1-B)
49	YEFSFR03003	Main Belt	(1-B)
52	YESFX046064	Case Lifter	(4-B)
53	YESFX239006	Cassette Case	(3-B)
54	YESFS04007	Cusion Rubber	(3-B)
56	YESFX046065	P.S Actuator Plate	(4-B)
57	YESFX005075	P.S Spring	(4-B)
58	YESFX046066	Pack Slider	(4-B)
61	YESAP151	Reel PWB Ass´y	(2-A)
200	YESJS01090	Camera Screw (Tams) 2.0~2.2	(1-A)
201	YESJW01019	Lumilar Washer (Cut) 1.55~3.5~0.5	(3-A) (3-B)
202	YEJS01070	Adjust Screw 2.0~13	(2-C)
203	YEFT03084	Camera Tapping Screw S 2.0~3.0	(3-A) (4-B)
204	YEJS06130	Tams Screw 2.0~3.0	(3-A)
205	YEJW05130	P.Washer (Cut) 0.85~2.8~0.25	(2-B)
206	YESJW01012	P.Washer (Cut) 1.55~3.5~0.5	(2-A) (3-C)
207	YESJW01013	P.Washer 2.1~3.5~0.2	(2-A) (3-C)
208	YESJW01014	Lumilar Washer 2.1~3.5~0.1	(1-B)
209	YESJS01091	PK Collar Screw A	(1-C)

23 EXPLODED VIEW (Tape Deck) <CQ-YS0920F>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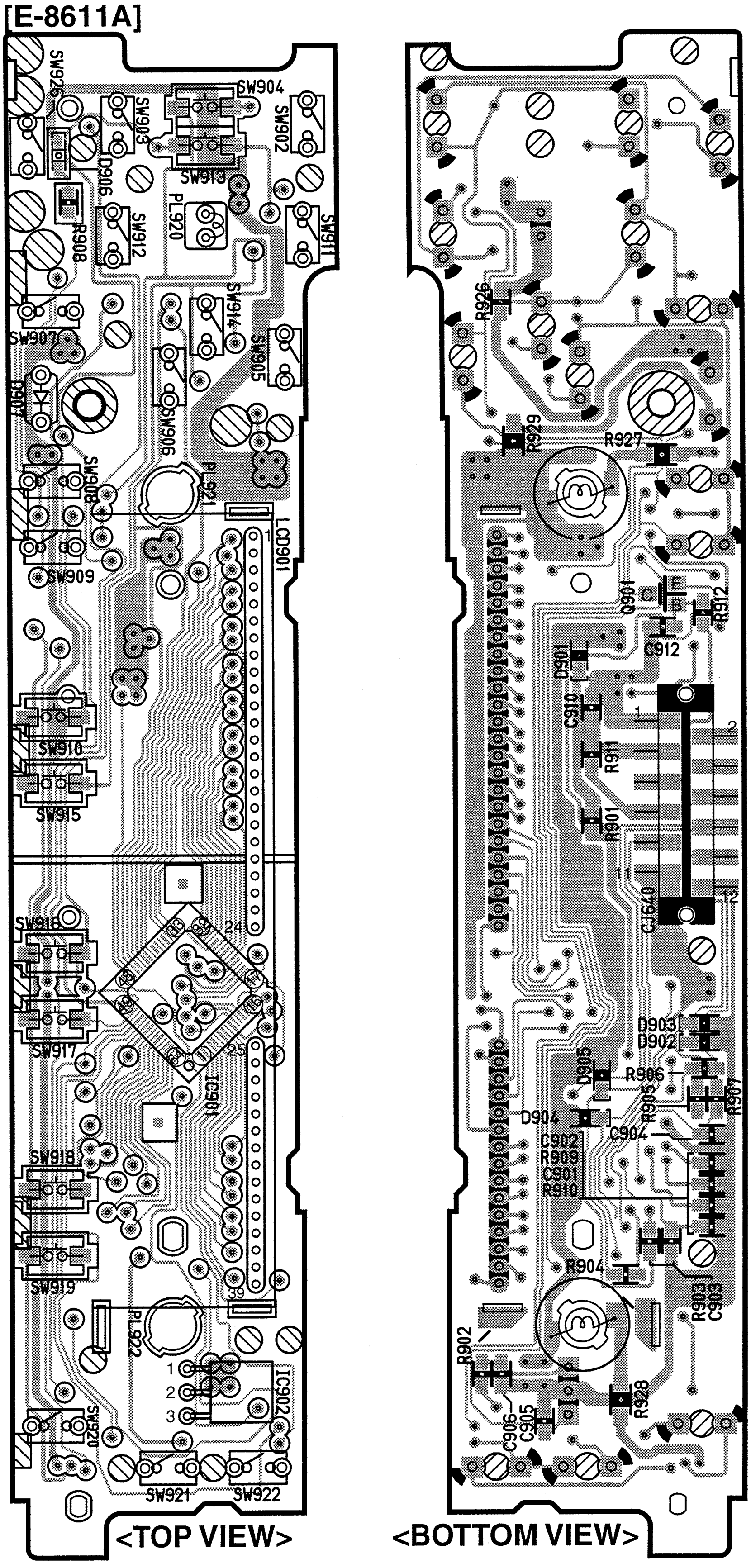
1997.1

24 WIRING DIAGRAM

24.1. Display Block <CQ-JS0920/0921F>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D907
SW906
SW908
PL921
LCD901
1
SW909
SW910
SW915
SW916
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SW917
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IC901
SW918
SW919
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PL922
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IC902
SW920
SW921
SW922
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Q901
R912
C912
D901
C910
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R901
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R910
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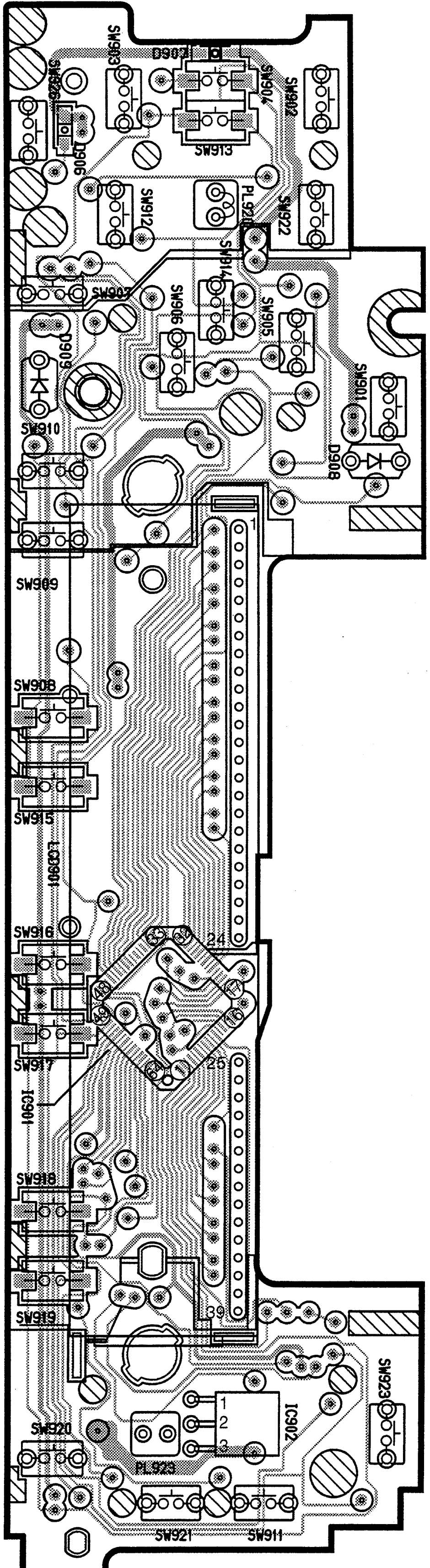
24.2. Display Block <CQ-YS0920F>

[E-8478A]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SW917
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SW921
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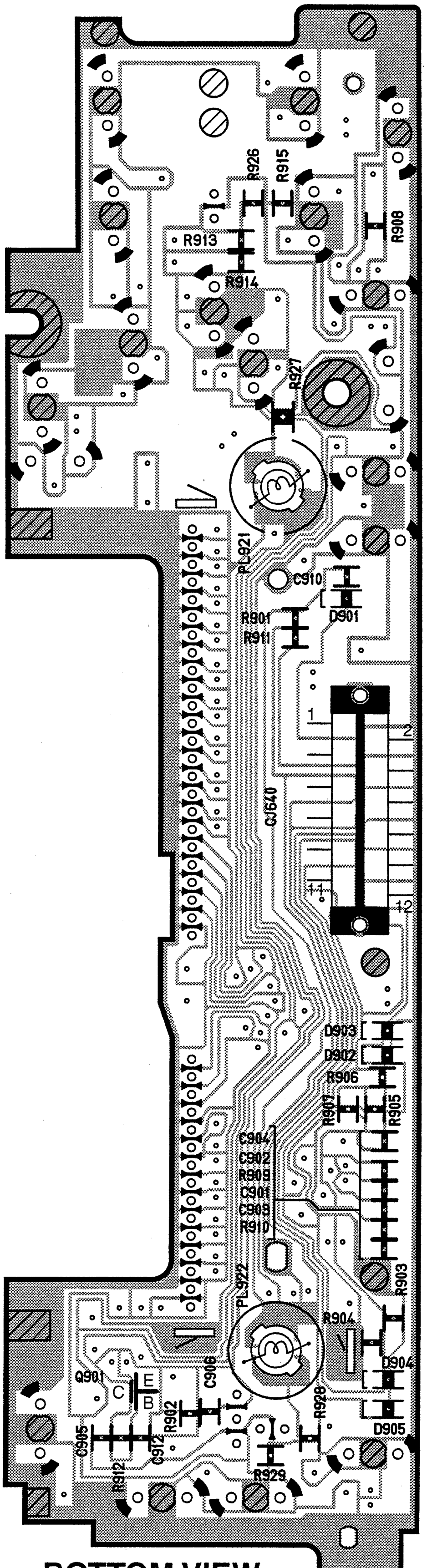
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PL922
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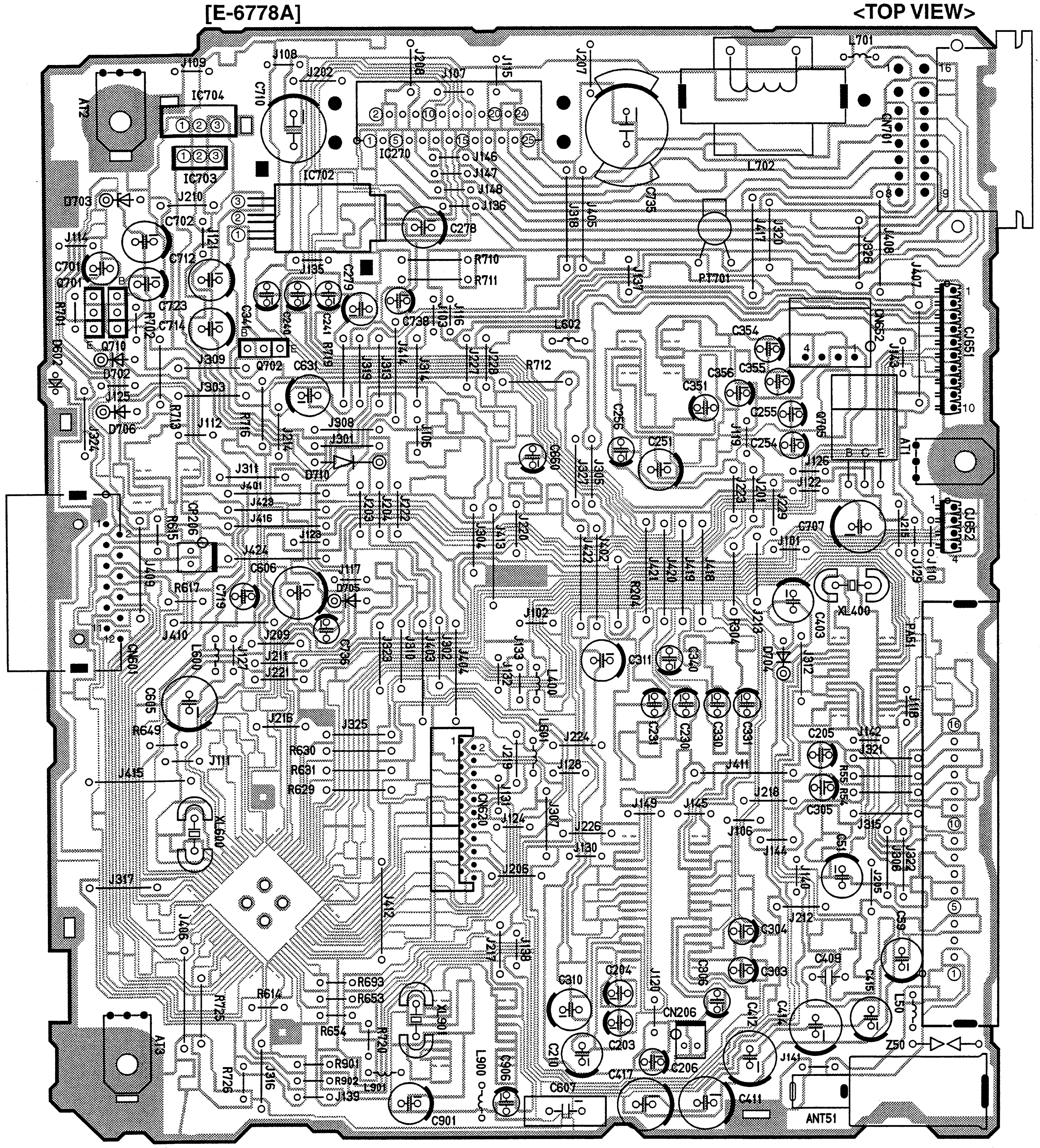
R904
D904
Q901
C906
E
C
B
R902
C912
C905
R912
R929
R928
D905

<BOTTOM VIEW>

24.3. Main Block (Top View) <CQ-JS0920/YS0920F>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IC702
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J147
J148
J136
CN701
L702
D703
J210
C702
J121
C278
J114
C701
C712
Q701
R701
R702
C723
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J135
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R719
C738
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J137
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C351
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D602
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J309
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C631
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J313
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L602
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C255
C254
D705
J119
J125
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R713
R716
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J908
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J105
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C251
AT1
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ANT51

24.4. Main Block (Bottom View) <CQ-JS0920/YS0920F>

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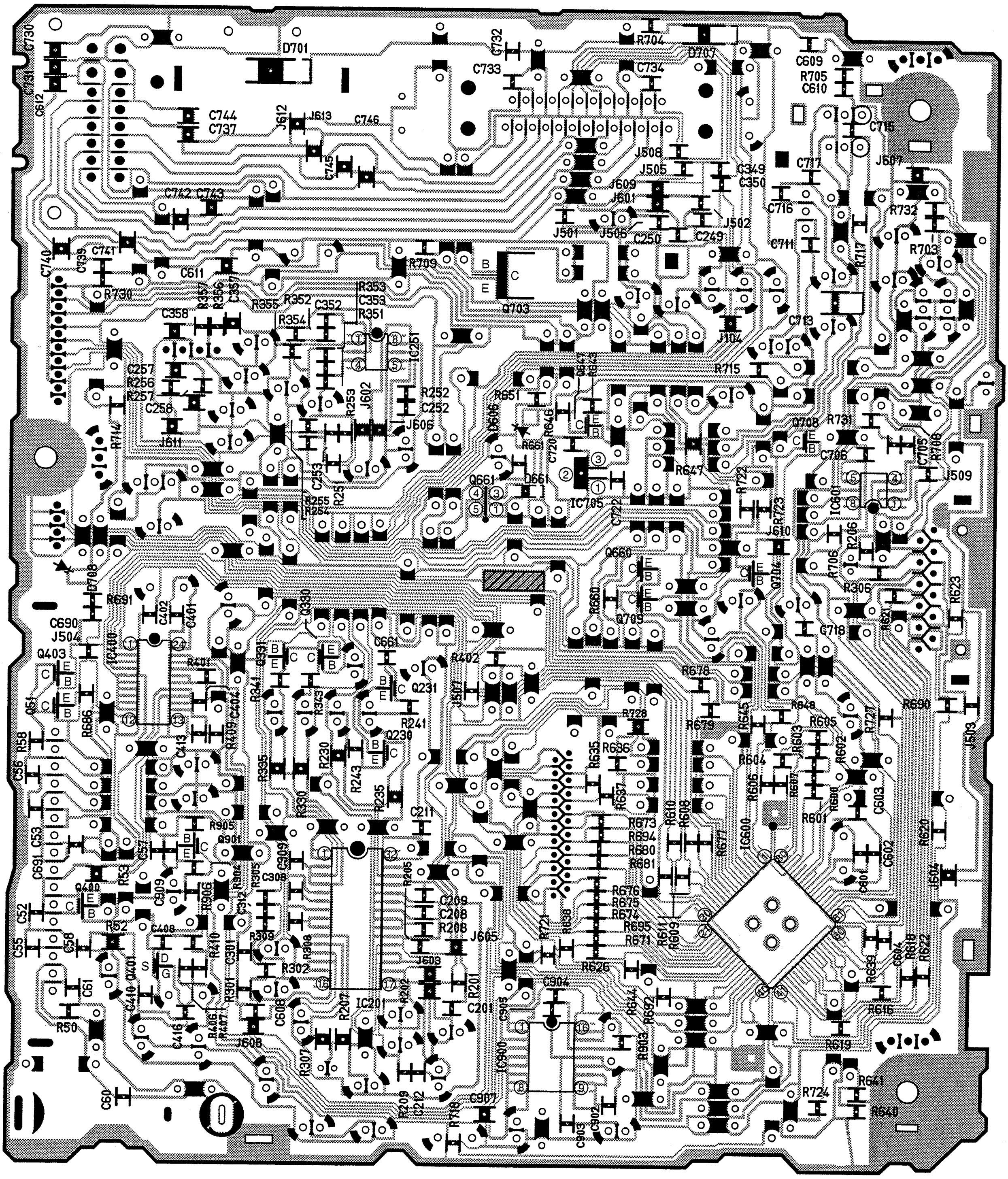
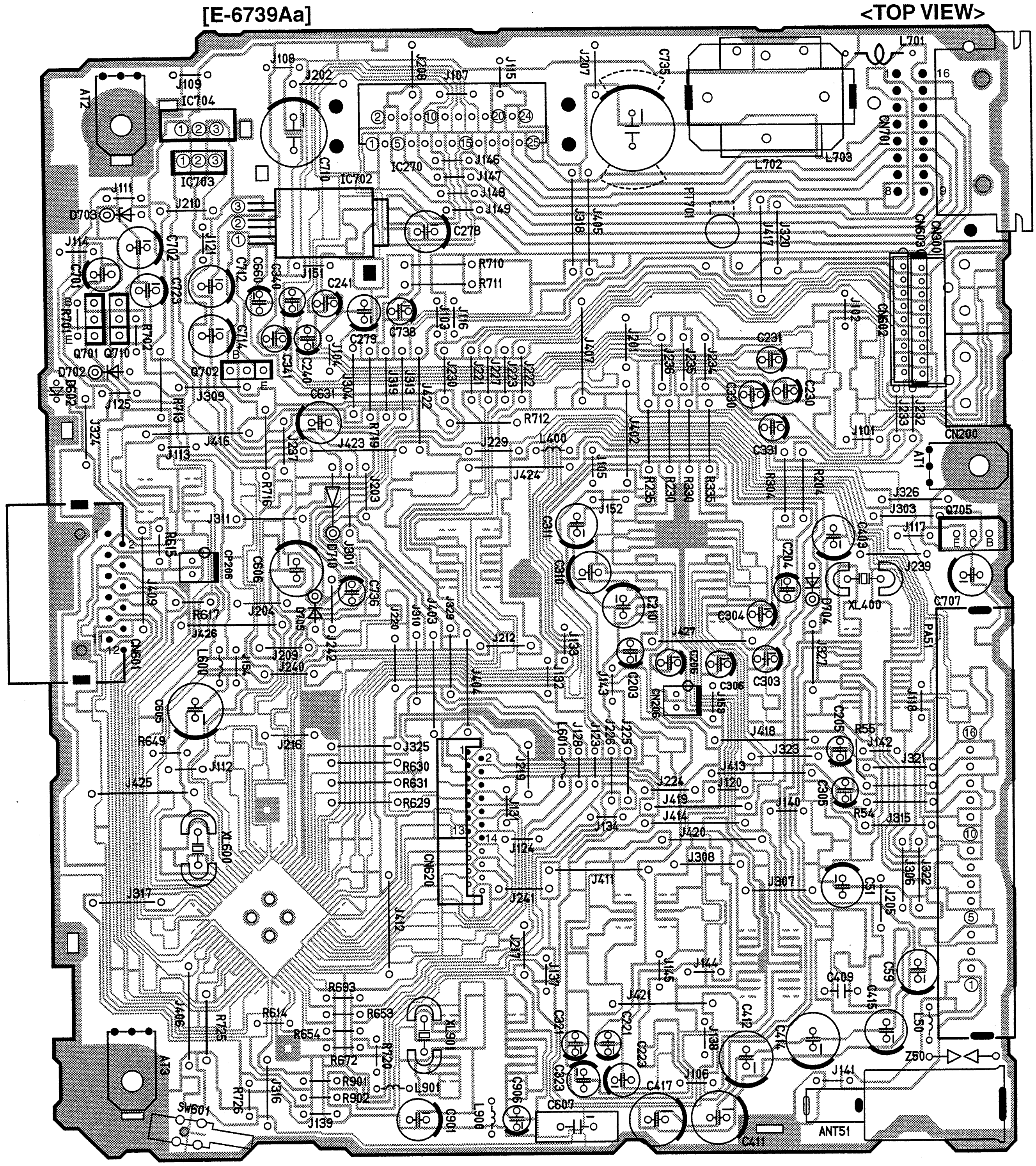


24.5. Main Block (Top View) <CQ-JS0921F>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C707
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CP206
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AT3
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C607
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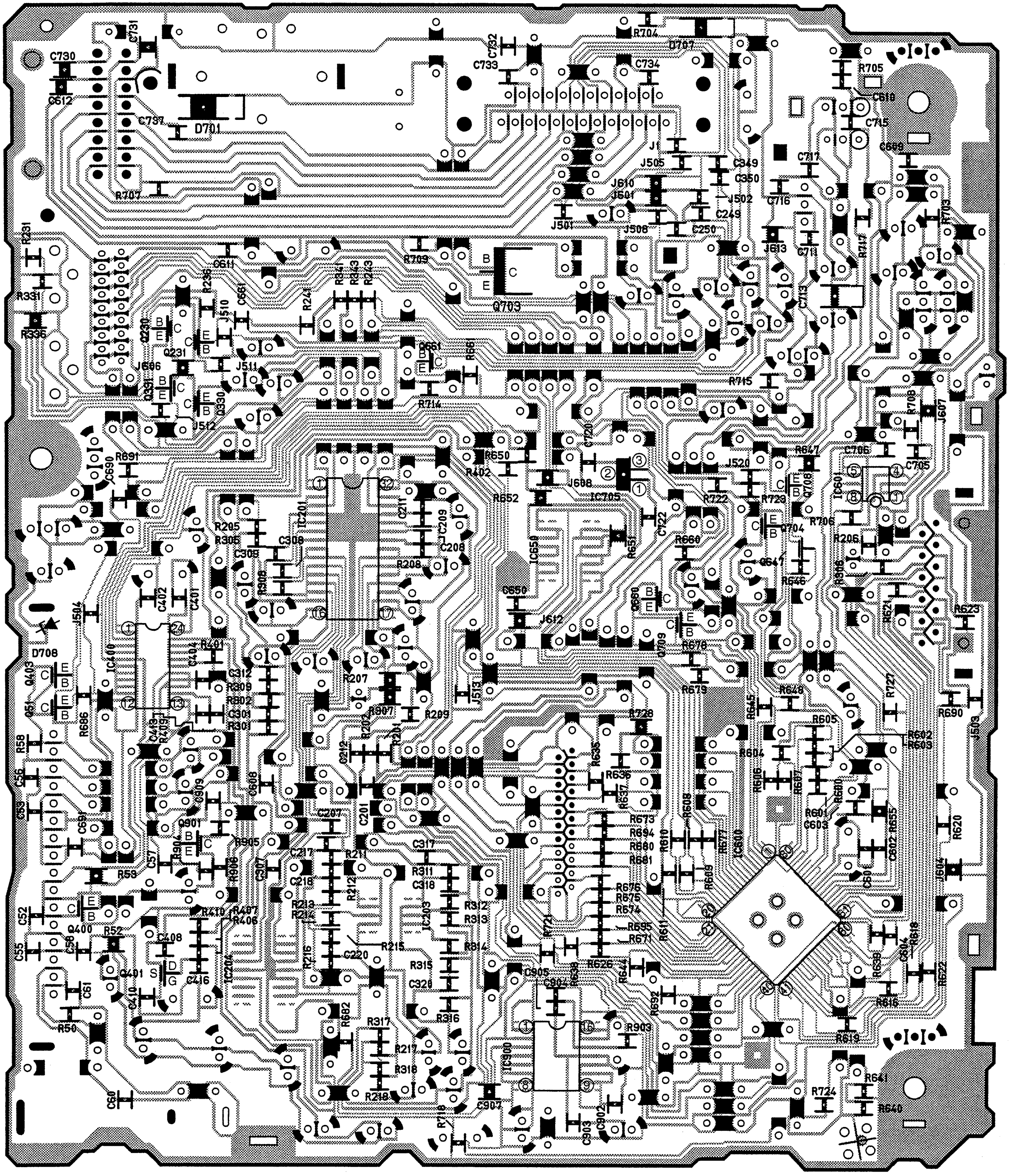
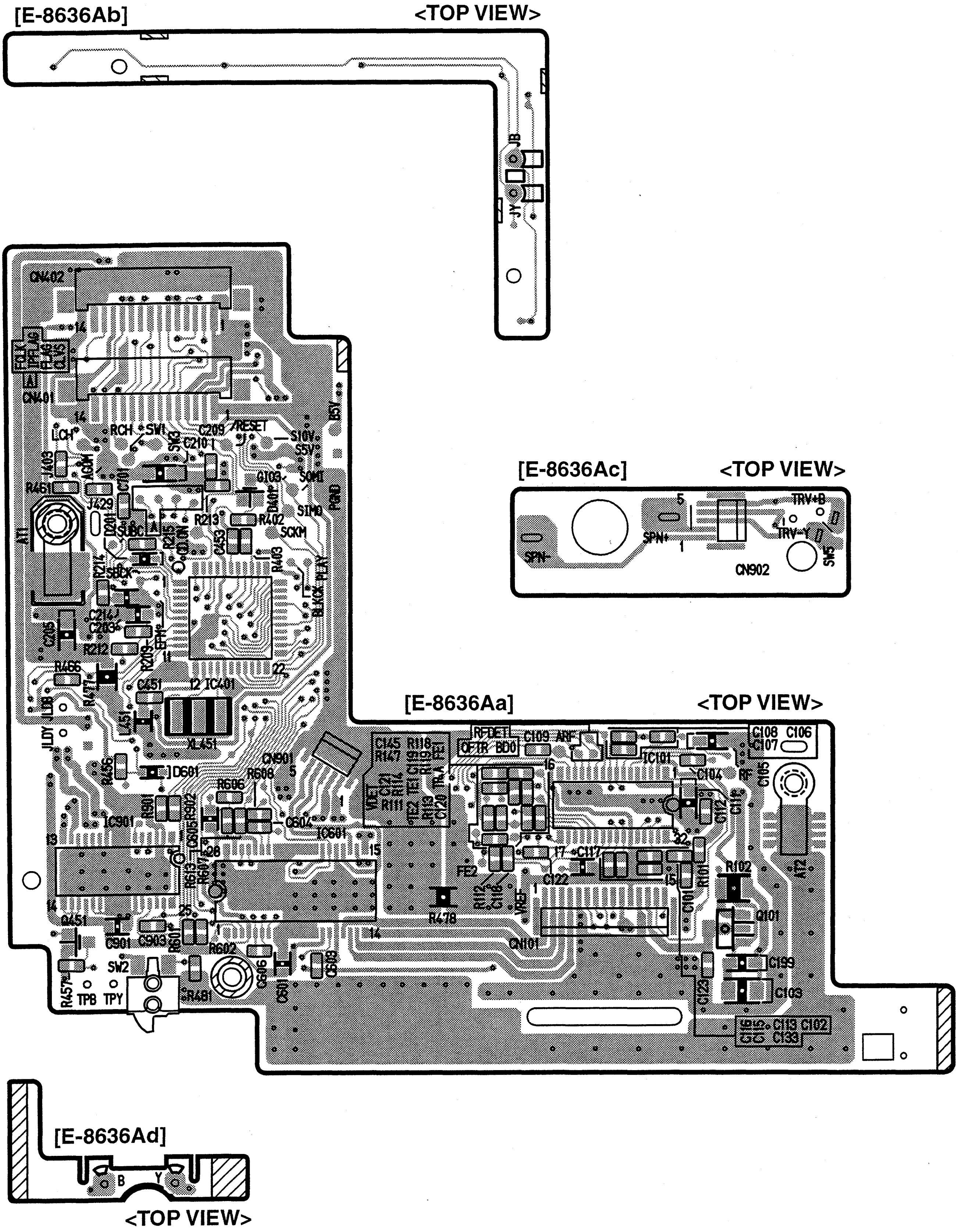
24.6. Main Block (Bottom View) <CQ-JS0921F>

<BOTTOM VIEW>



24.7. CD Servo Block (Top View) <CQ-JS0920/0921F>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SW3
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C701
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SOMI
D401
PGND
J429
R213
R402
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D201
SUBC
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R212
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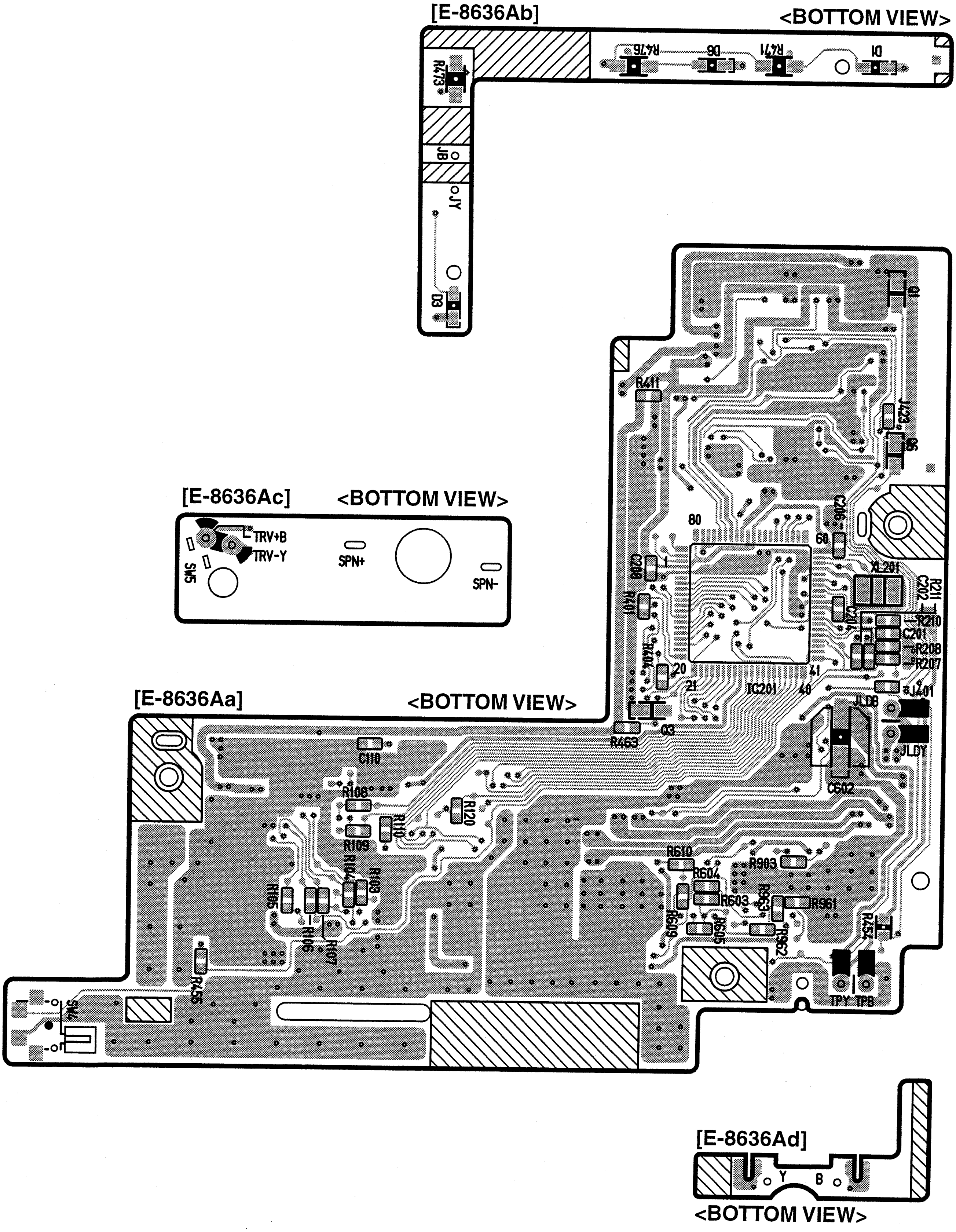
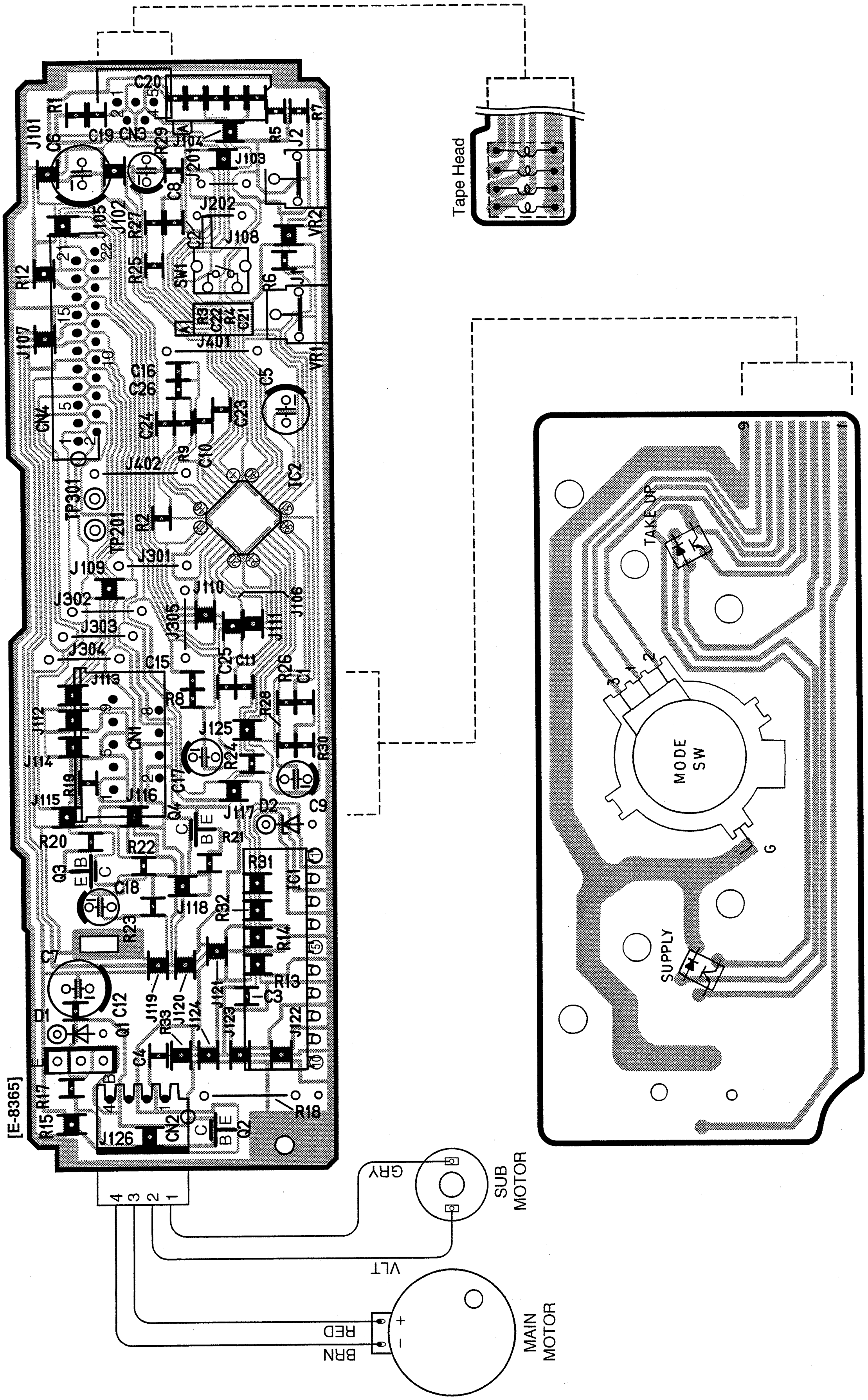
D601
R606
R608
IC901
R901
R902
C604
IC601
C505
26
R613
R607
Q451
C901
C903
R601
25
R602
R457
SW2
TPB
TPY
R481
C606
C601
C603
RFDET
C109
ARF
OFTR
BDO
C145
R118
R147
C108
C106
C107
IC101
C104
RF
C105
VDET
C121
R114
R111
FE2
TE1
R113
C128
TR.A
FE1
C112
C118
AT2
32
17
C117
C122
15
R101
R102
FE2
R112
C116
VREF
R478
C101
Q101
CN101
C199
C123
C103
C116
C115
C113
C102
C133
[E-8636Ad]
B
Y
<TOP VIEW>

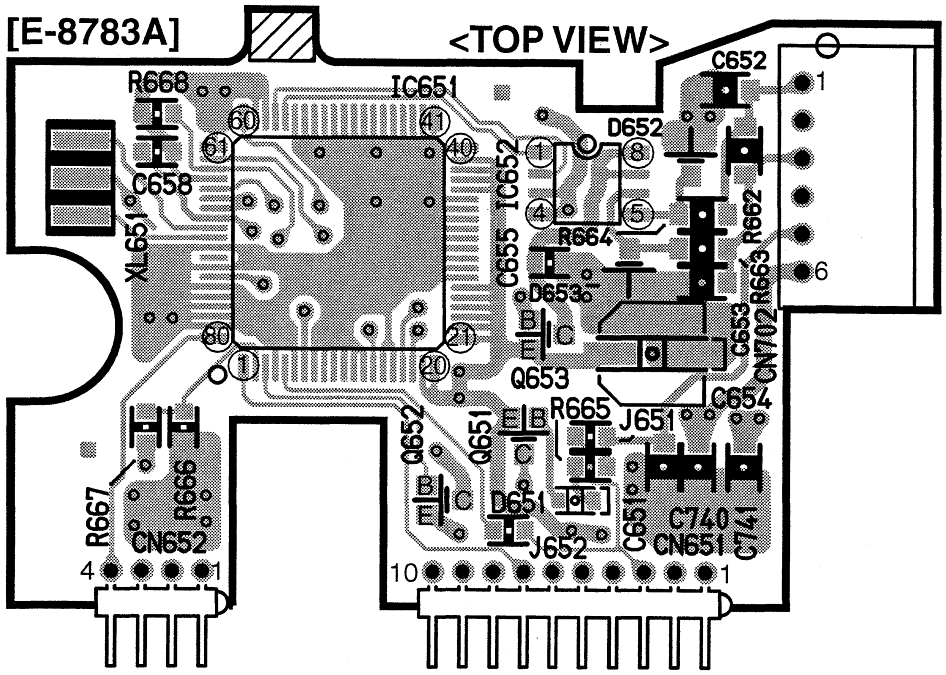
24.8. CD Servo Block (Bottom View) <CQ-JS0920/0921F>

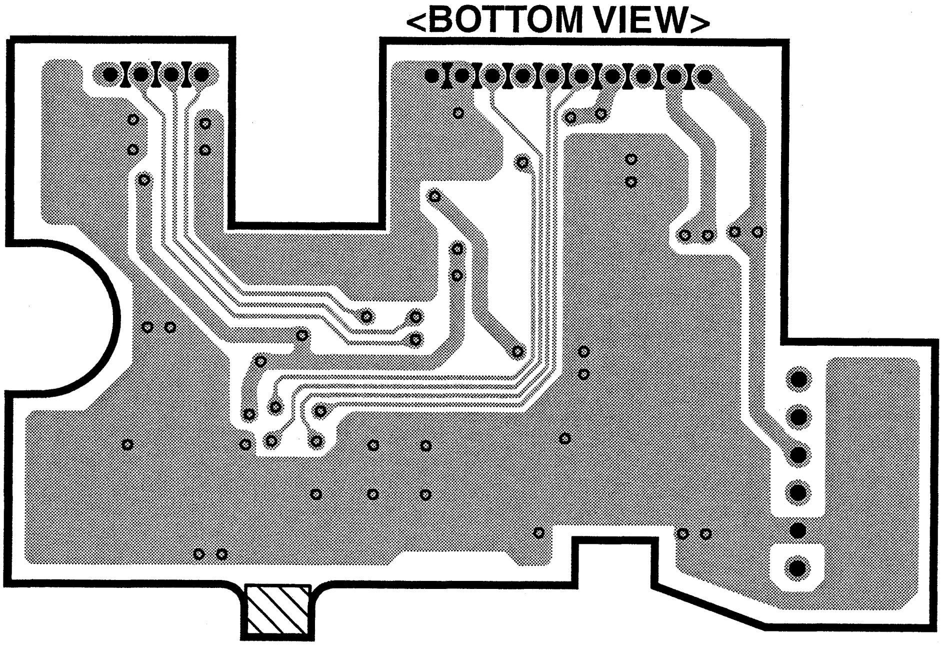

[E-8636Ab]
<BOTTOM VIEW>
R473
JB
JY
D3
R476
D6
R471
D1
[E-8636Ac]
<BOTTOM VIEW>
TRV+B
TRV-Y
SW5
SPN+
SPN-
[E-8636Aa]
<BOTTOM VIEW>
Q1
R411
J423
Q5
C206
80
60
XL201
C202
R211
R210
C201
R208
R207
J401
C208
R401
C204
R404
20
21
IC201
41
40
JLDB
JLDY
Q3
R463
C602
C110
R108
R120
R110
R109
R104
R103
R105
R106
R107
R455
SW4
R610
R604
R903
R603
R963
R961
R609
R605
R962
R452
TPY
TPB
[E-8636Ad]
Y
B
<BOTTOM VIEW>

24.9. Tape Block <CQ-YS0920F>


Tape Head
TAKE UP
MODE SW
SUPPLY
G
SUB MOTOR
MAIN MOTOR
GRY
VLT
RED
BRN
[E-8365]
CN1
CN2
CN3
CN4
IC1
IC2
SW1
VR1
VR2
TP201
TP301
D1
D2
Q1
Q2
Q3
Q4
J126
4
3
2
1

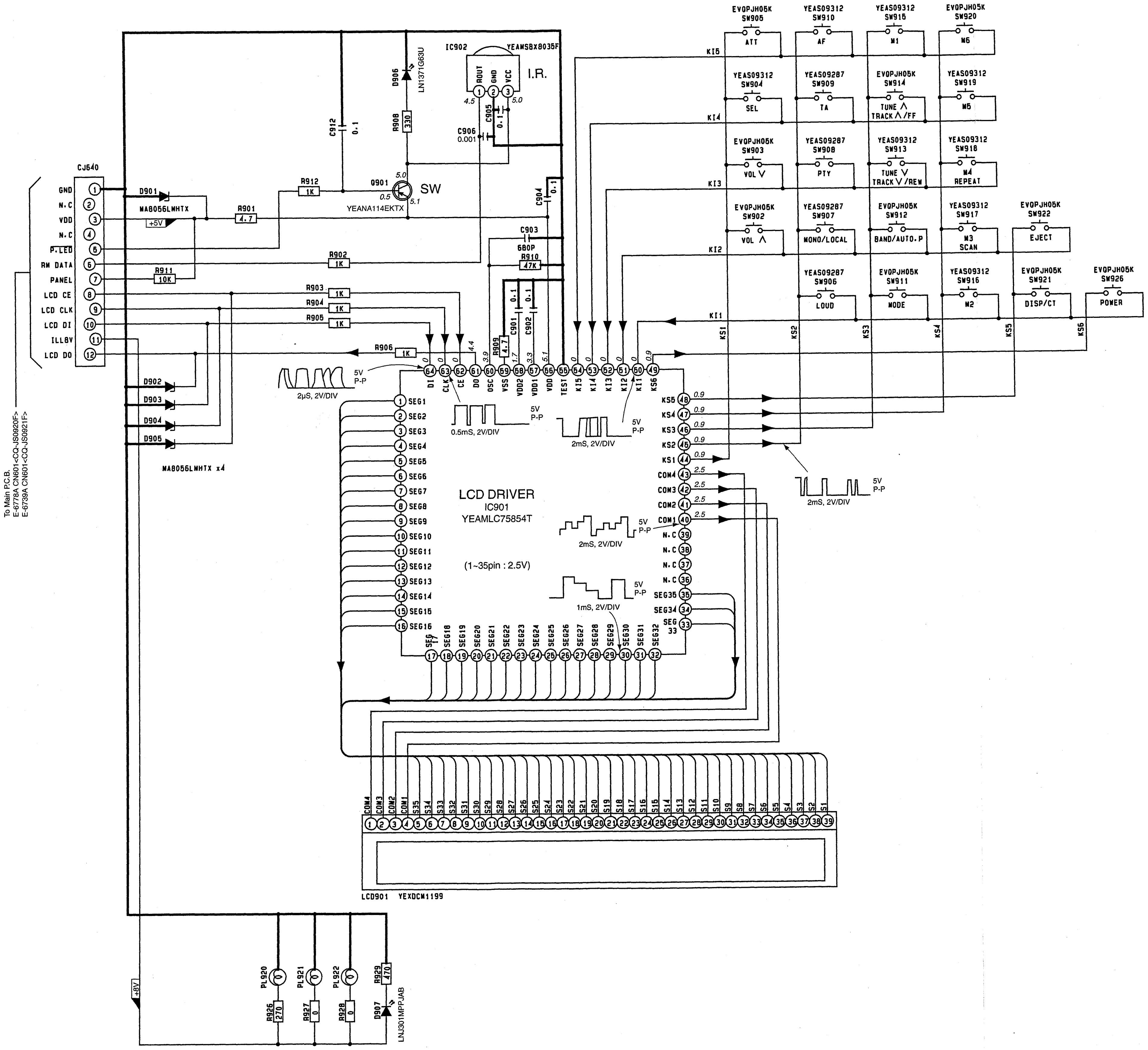
24.10. AVC-LAN Block <CQ-JS0920/YS0920F>


[E-8783A]
<TOP VIEW>
R668
C658
XL651
IC651
60
61
41
40
80
1
21
20
IC652
1
8
4
5
D652
C652
R662
R663
CN702
C655
R664
D653
B
C
E
Q653
C653
C654
R665
J651
Q652
Q651
E
B
C
B
C
E
D651
J652
C651
C740
C741
CN651
R667
R666
CN652
4
1
10
1
1
6

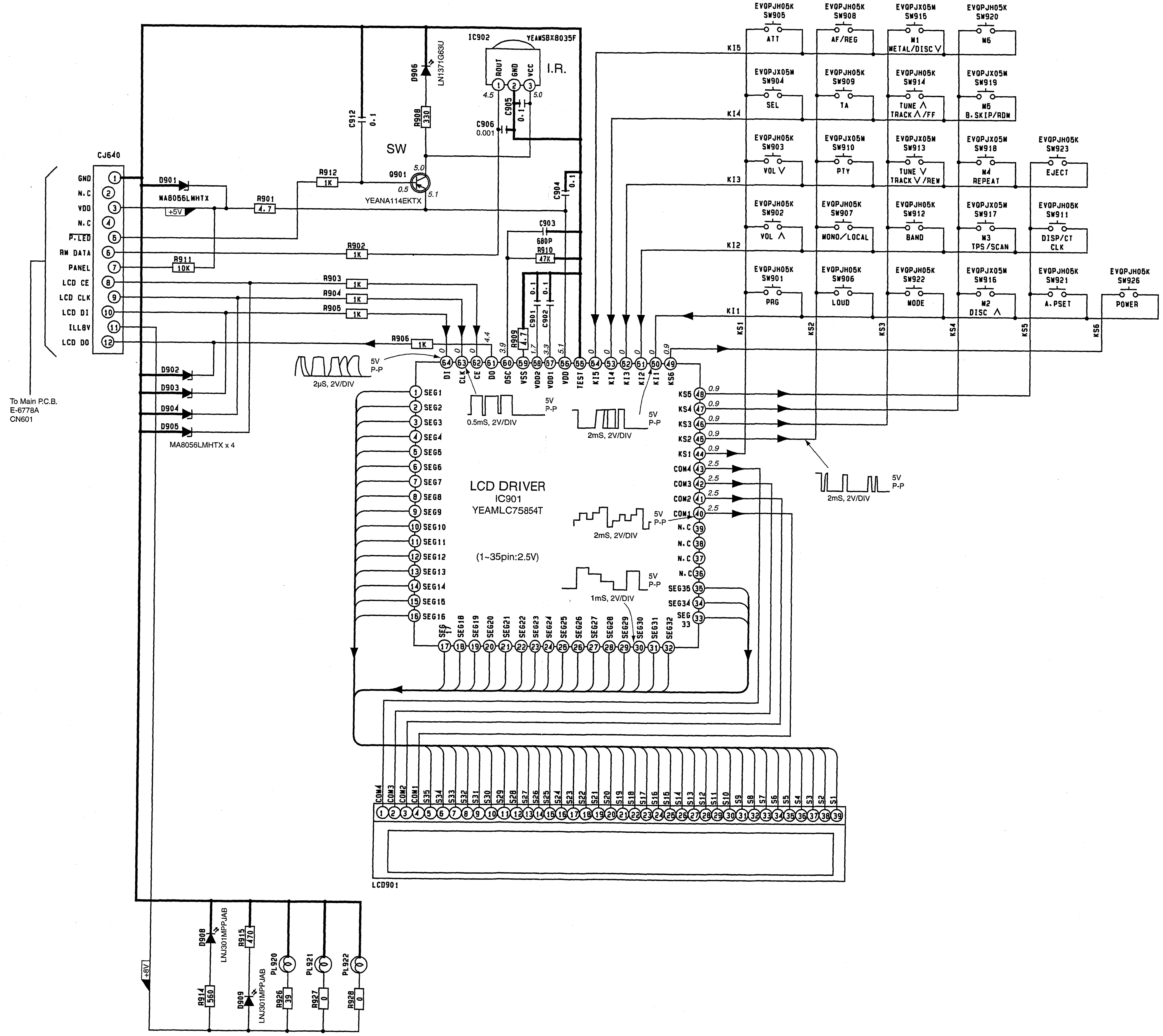


25 SCHEMATIC DIAGRAM (1)

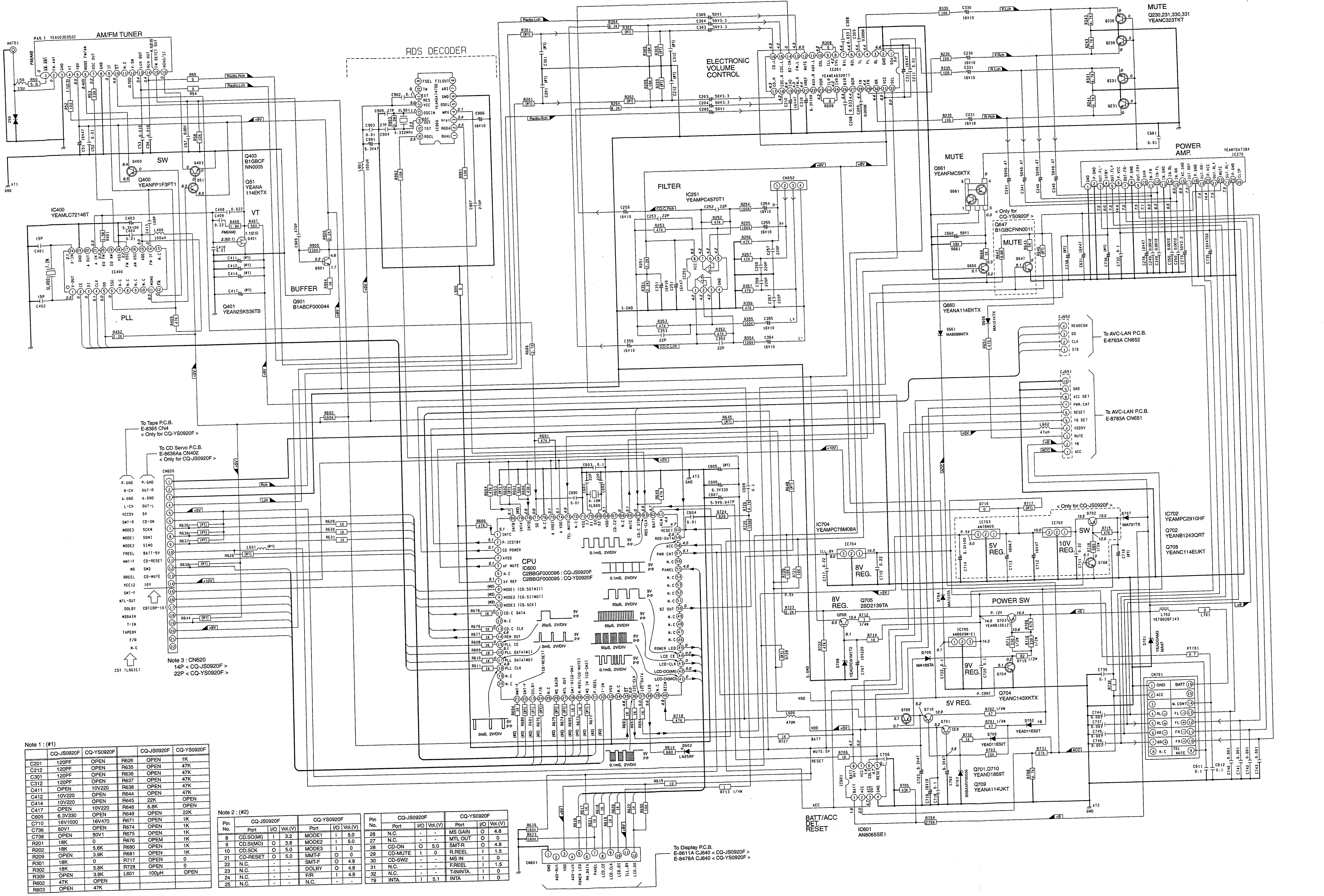
25.1. Display Block <CQ-JS0920/0921F>


CJ640
GND
N.C
VDD
N.C
P.LED
RM DATA
PANEL
LCD CE
LCD CLK
LCD DI
ILL8V
LCD DO
To Main P.C.B.
E-6778A CN601<CQ-JS0920F>
E-6739A CN601<CQ-JS0921F>
D901
MA8056LMHTX
+5V
R901 4.7
R911 10K
R902 1K
R903 1K
R904 1K
R905 1K
R906 1K
R912 1K
D902
D903
D904
D905
MA8056LMHTX x4
C912 0.1
D906
LN1371G63U
R908 330
Q901
YEANA114EKTX
SW
5.0
0.5
5.1
IC902
YEAMSBX8035F
ROUT
GND
VCC
I.R.
4.5
5.0
C905 0.1
C906 0.001
C904 0.1
C903 680P
R910 47K
R909 4.7
C901 0.1
C902 0.1
5V P-P
2μS, 2V/DIV
0.5mS, 2V/DIV
2mS, 2V/DIV
1mS, 2V/DIV
DI
CLK
CE
DO
OSC
VSS
VDD2
VDD1
VDD
TEST
KI5
KI4
KI3
KI2
KI1
KS6
KS5
KS4
KS3
KS2
KS1
COM4
COM3
COM2
COM1
N.C
SEG35
SEG34
SEG 33
SEG1
SEG2
SEG3
SEG4
SEG5
SEG6
SEG7
SEG8
SEG9
SEG10
SEG11
SEG12
SEG13
SEG14
SEG15
SEG16
SEG17
SEG18
SEG19
SEG20
SEG21
SEG22
SEG23
SEG24
SEG25
SEG26
SEG27
SEG28
SEG29
SEG30
SEG31
SEG32
LCD DRIVER
IC901
YEAMLC75854T
(1~35pin : 2.5V)
EVQPJH05K SW905 ATT
YEAS09312 SW910 AF
YEAS09312 SW915 M1
EVQPJH05K SW920 M6
YEAS09312 SW904 SEL
YEAS09287 SW909 TA
EVQPJH05K SW914 TUNE ∧ TRACK ∧/FF
YEAS09312 SW919 M5
EVQPJH05K SW903 VOL ∨
YEAS09287 SW908 PTY
YEAS09312 SW913 TUNE ∨ TRACK ∨/REW
YEAS09312 SW918 M4 REPEAT
EVQPJH05K SW902 VOL ∧
YEAS09287 SW907 MONO/LOCAL
EVQPJH05K SW912 BAND/AUTO.P
YEAS09312 SW917 M3 SCAN
EVQPJH05K SW922 EJECT
YEAS09287 SW906 LOUD
EVQPJH05K SW911 MODE
YEAS09312 SW916 M2
EVQPJH05K SW921 DISP/CT
EVQPJH05K SW926 POWER
COM4 COM3 COM2 COM1 S35 S34 S33 S32 S31 S30 S29 S28 S27 S26 S25 S24 S23 S22 S21 S20 S19 S18 S17 S16 S15 S14 S13 S12 S11 S10 S9 S8 S7 S6 S5 S4 S3 S2 S1
LCD901 YEXDCW1199
+8V
PL920
PL921
PL922
R926 270
R927 0
R928 0
R929 470
D907
LNJ301MPPJAB

25.2. Display Block <CQ-YS0920F>


CJ640
GND
N.C
VDD
N.C
P.LED
RM DATA
PANEL
LCD CE
LCD CLK
LCD DI
ILL8V
LCD DO
To Main P.C.B.
E-6778A
CN601
D901
MA8056LMHTX
+5V
R901
4.7
R912
1K
R911
10K
R902
1K
R903
1K
R904
1K
R905
1K
R906
1K
C912
0.1
D906
LN1371G63U
R908
330
SW
Q901
YEANA114EKTX
5.0
0.5
5.1
IC902
YEAMSBX8035F
ROUT
GND
VCC
I.R.
4.5
5.0
C905
0.1
C906
0.001
C904
0.1
C903
680P
R910
47K
R909
4.7
C901
0.1
C902
0.1
D902
D903
D904
D905
MA8056LMHTX x 4
5V P-P
2μS, 2V/DIV
0.5mS, 2V/DIV
2mS, 2V/DIV
1mS, 2V/DIV
LCD DRIVER
IC901
YEAMLC75854T
(1~35pin:2.5V)
DI
CLK
CE
DO
OSC
VSS
VDD2
VDD1
VDD
TEST
KI5
KI4
KI3
KI2
KI1
KS6
KS5
KS4
KS3
KS2
KS1
COM4
COM3
COM2
COM1
N.C
SEG1
SEG2
SEG3
SEG4
SEG5
SEG6
SEG7
SEG8
SEG9
SEG10
SEG11
SEG12
SEG13
SEG14
SEG15
SEG16
SEG17
SEG18
SEG19
SEG20
SEG21
SEG22
SEG23
SEG24
SEG25
SEG26
SEG27
SEG28
SEG29
SEG30
SEG31
SEG32
SEG33
SEG34
SEG35
0.9
2.5
3.9
1.7
3.3
5.1
4.4
EVQPJH05K
EVQPJX05M
SW905 ATT
SW908 AF/REG
SW915 M1 METAL/DISC V
SW920 M6
SW904 SEL
SW909 TA
SW914 TUNE Λ TRACK Λ/FF
SW919 M5 B.SKIP/RDM
SW903 VOL V
SW910 PTY
SW913 TUNE V TRACK V/REW
SW918 M4 REPEAT
SW923 EJECT
SW902 VOL Λ
SW907 MONO/LOCAL
SW912 BAND
SW917 M3 TPS/SCAN
SW911 DISP/CT CLK
SW901 PRG
SW906 LOUD
SW922 MODE
SW916 M2 DISC Λ
SW921 A.PSET
SW926 POWER
LCD901
COM4
COM3
COM2
COM1
S35
S34
S1
D908
LNJ301MPPJAB
R915
470
D909
LNJ301MPPJAB
R914
560
R926
39
R927
0
R928
0
PL920
PL921
PL922
+8V

25.3. Main Block <CQ-JS0920/YS0920F>


AM/FM TUNER
RDS DECODER
ELECTRONIC VOLUME CONTROL
FILTER
IC251 YEAMPC4570T1
MUTE
Q230,231,330,331 YEANC323TKT
POWER AMP
IC270 YEAMTDA7384
MUTE
Q661 YEANFMC5KTX
< Only for CQ-YS0920F >
Q647 B1GBCFNN0011
Q660 YEANA114EKTX
SW
Q400 YEANFP1F3PT1
Q403 B1GBCF NN0005
Q51 YEANA 114EKTX
IC400 YEAMLC72146T
PLL
VT
BUFFER
Q401 YEAN2SK536TB
Q901 B1ABCF000044
To AVC-LAN P.C.B. E-8783A CN652
To AVC-LAN P.C.B. E-8783A CN651
To Tape P.C.B. E-8365 CN4 < Only for CQ-YS0920F >
To CD Servo P.C.B. E-8636Aa CN402 < Only for CQ-JS0920F >
CPU IC600 C2BBGF000096 : CQ-JS0920F C2BBGF000095 : CQ-YS0920F
Note 3 : CN620 14P < CQ-YS0920F > 22P < CQ-JS0920F >
IC704 YEAMPC78M08A
8V REG.
5V REG.
10V REG.
< Only for CQ-JS0920F >
IC702 YEAMPC2910HF
Q702 YEANB1243QRT
Q708 YEANC114EUKT
Q705 2SD2139TA
POWER SW
9V REG.
Q704 YEANC143XKTX
5V REG.
Q701,Q710 YEAND1859T
Q709 YEANA114UKT
BATT/ACC DET RESET
IC601 AN8065SE1
To Display P.C.B. E-8611A CJ640 < CQ-JS0920F > E-8478A CJ640 < CQ-YS0920F >

Note 1 : (#1)

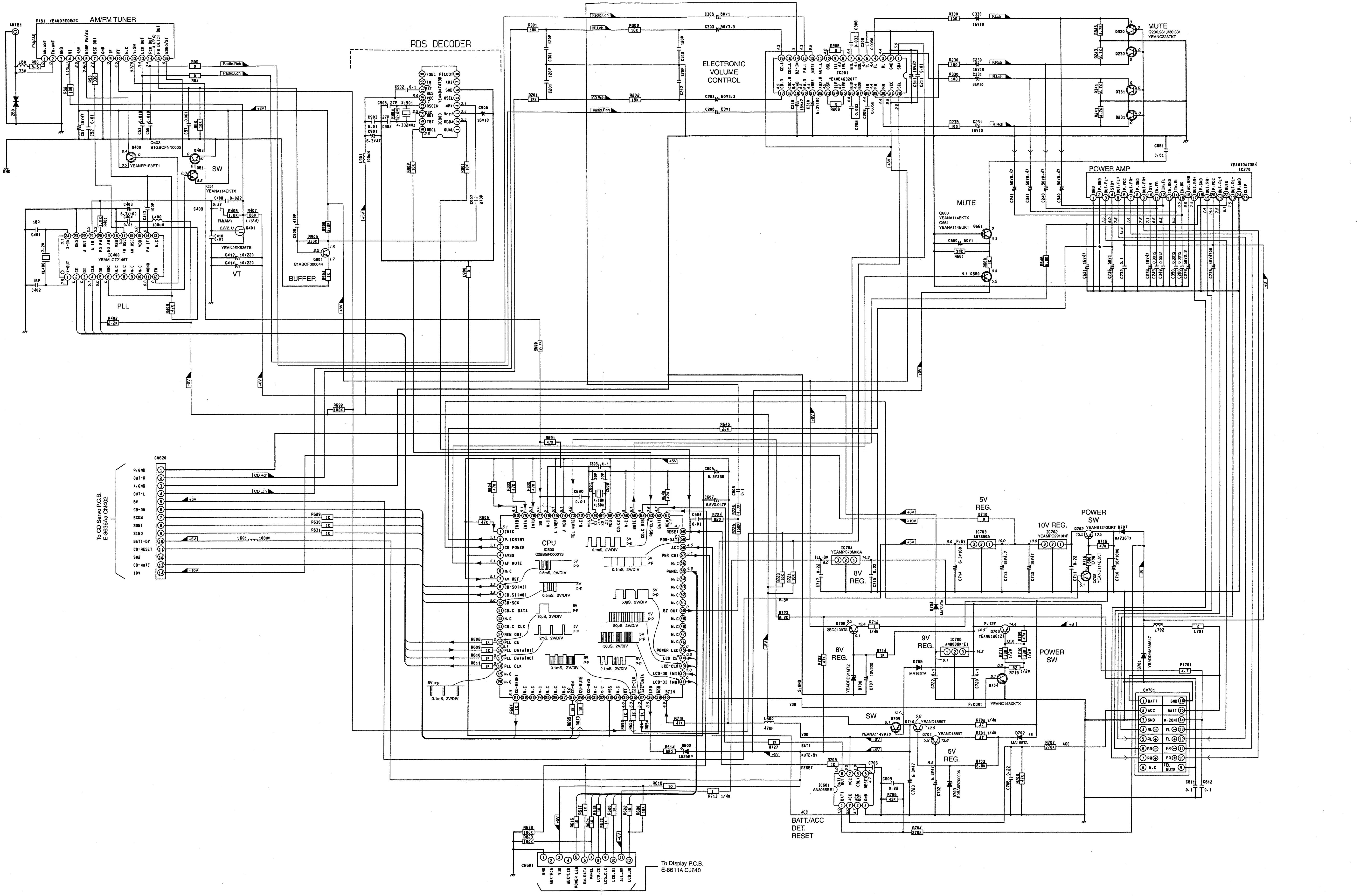
	CQ-JS0920F	CQ-YS0920F		CQ-JS0920F	CQ-YS0920F
C201	120PF	OPEN	R626	OPEN	1K
C212	120PF	OPEN	R635	OPEN	47K
C301	120PF	OPEN	R636	OPEN	47K
C312	120PF	OPEN	R637	OPEN	47K
C411	OPEN	10V220	R638	OPEN	47K
C412	10V220	OPEN	R644	OPEN	47K
C414	10V220	OPEN	R645	22K	OPEN
C417	OPEN	10V220	R646	6.8K	OPEN
C605	6.3V330	OPEN	R648	OPEN	22K
C710	16V1000	16V470	R671	OPEN	1K
C736	50V1	OPEN	R674	OPEN	1K
C738	OPEN	50V1	R675	OPEN	1K
R201	18K	0	R676	OPEM	1K
R202	18K	5.6K	R680	OPEN	1K
R209	OPEN	3.9K	R681	OPEN	1K
R301	18K	0	R717	OPEN	0
R302	18K	5.6K	R728	OPEN	0
R309	OPEN	3.9K	L601	100μH	OPEN
R602	47K	OPEN			
R603	OPEN	47K			

Note 2 : (#2)

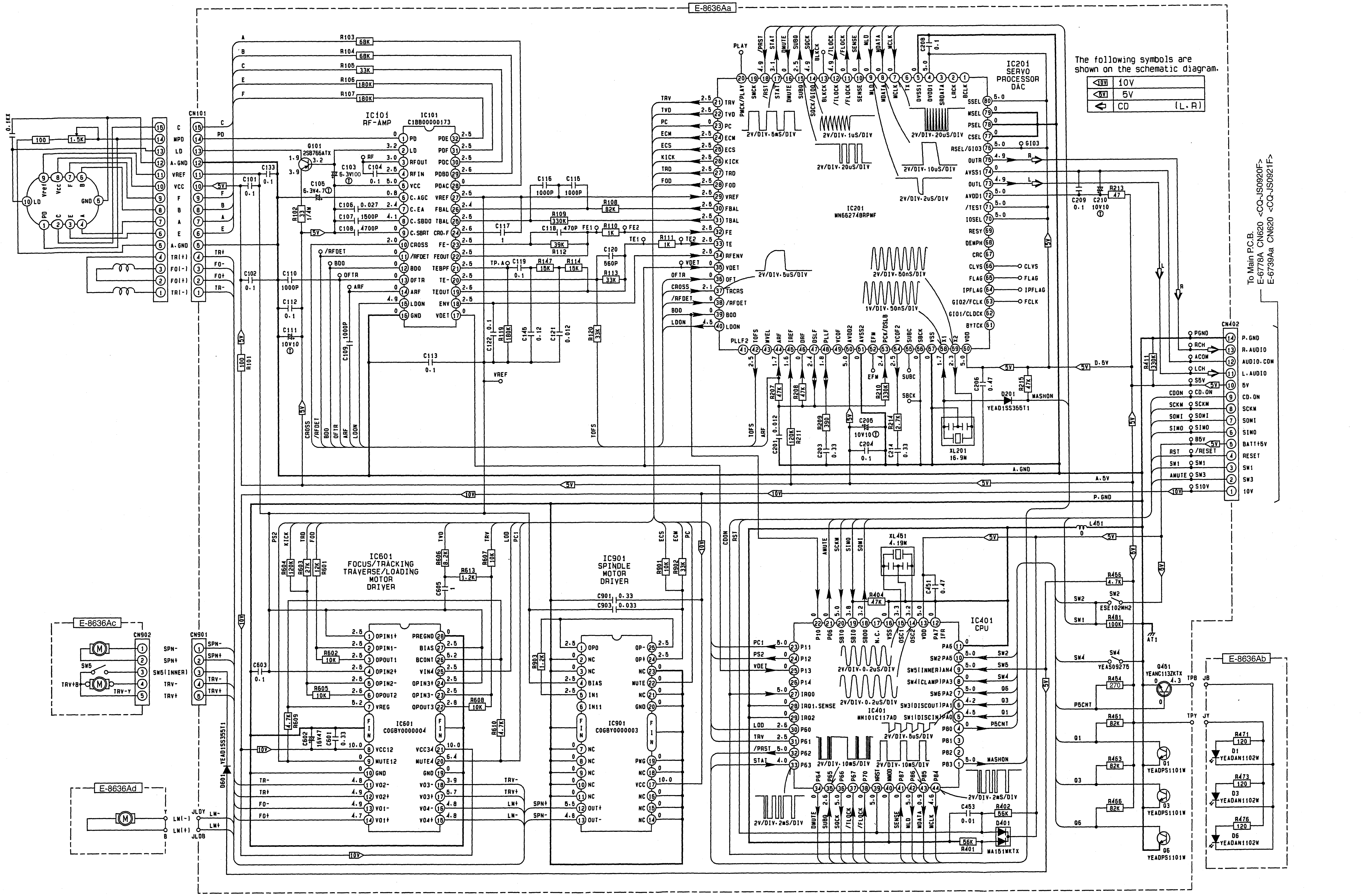
Pin No.	CQ-JS0920F			CQ-YS0920F		
	Port	I/O	Vol.(V)	Port	I/O	Vol.(V)
8	CD.SO(MI)	I	3.2	MODE1	I	5.0
9	CD.SI(MO)	O	3.8	MODE2	I	5.0
10	CD.SCK	O	5.0	MODE3	I	0
21	CD-RESET	O	5.0	MMT-F	O	0
22	N.C.	-	-	SMT-F	O	4.8
23	N.C.	-	-	DOLBY	O	4.8
24	N.C.	-	-	F/R	I	4.8
25	N.C.	-	-	N.C.	-	-

Pin No.	CQ-JS0920F			CQ-YS0920F		
	Port	I/O	Vol.(V)	Port	I/O	Vol.(V)
26	N.C.	-	-	MS GAIN	O	4.8
27	N.C.	-	-	MTL OUT	O	0
28	CD-ON	O	5.0	SMT-R	O	4.8
29	CD-MUTE	I	0	R.REEL	I	1.5
30	CD-SW2	-	-	MS IN	I	0
31	N.C.	-	-	F.REEL	I	1.5
32	N.C.	-	-	T-ININTA.	I	0
79	INTA.	I	5.1	INTA	I	0

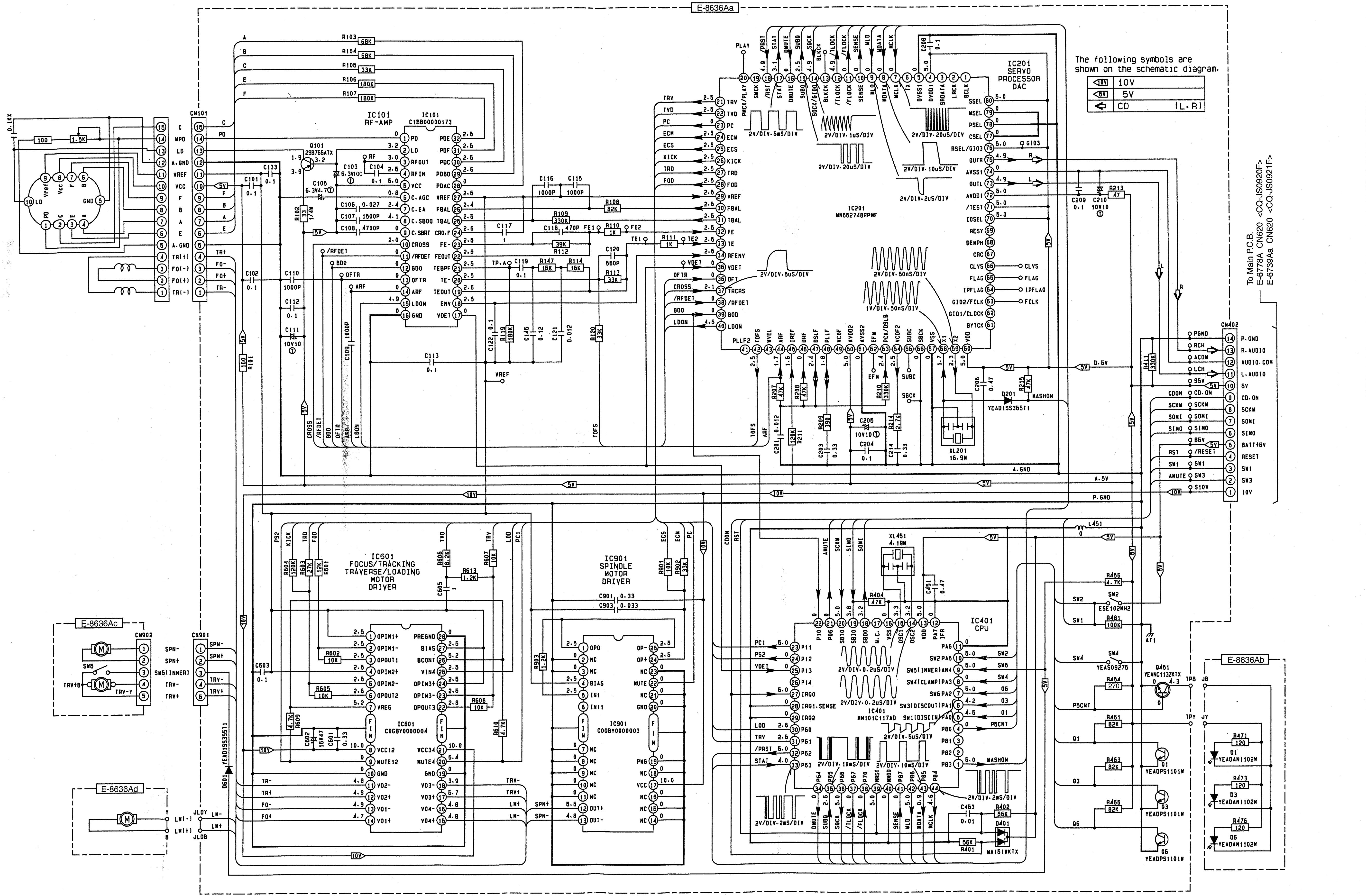
25.4. Main Block <CQ-JS0921F>


AM/FM TUNER
PA51 YEAU03E0152C
ANT51
GND
RDS DECODER
IC900 YEANDA7479D
SW
Q403 B1GBCFNN0005
Q400 YEANFP1F3PT1
Q51 YEANA114EKTX
IC400 YEAMLC72146T
PLL
VT
Q401 YEAN2SK536TB
BUFFER
Q901 B1ABCF000044
ELECTRONIC VOLUME CONTROL
IC201 YEAMEAS3207T
MUTE
Q230,231,330,331 YEANC323TKT
POWER AMP
IC270 YEAMTDA7384
MUTE
Q660 YEANA114EKTX
Q661 YEANA114EUKT
Radio.Rch
Radio.Lch
CD.Rch
CD.Lch
F.Lch
F.Rch
R.Lch
R.Rch
CN620
P.GND
OUT-R
A.GND
OUT-L
5V
CD-ON
SCKW
SOMI
SIMO
BATT-5V
CD-RESET
SW2
CD-MUTE
10V
To CD Servo P.C.B. E-8636Aa CN402
CPU
IC600 C2BBGF000013
5V REG.
IC703 AN78N05
10V REG.
IC702 YEAMPC2910HF
POWER SW
Q702 YEANB1243QRT
8V REG.
IC704 YEAMPC78M08A
9V REG.
IC705 AN8009N-E1
8V REG.
POWER SW
SW
Q709 YEANA114YKTX
Q710 YEAND1859T
Q701 YEAND1859T
5V REG.
BATT./ACC DET. RESET
IC601 AN8065SE1
CN701
BATT
ACC
GND
RL⊖
RL⊕
RR⊖
RR⊕
N.C
GND
BATT
H.CONT
FL⊖
FL⊕
FR⊖
FR⊕
TEL MUTE
CN601
To Display P.C.B. E-8611A CJ640
GND
AUX-Rch
VDD
AUX-Lch
POWER LED
RM.DATA
PANEL
LCD.CE
LCD.CLK
LCD.DI
ILL.8V
LCD.DO

25.5. CD Servo Block <CQ-JS0920/0921F>


E-8636Aa
IC101
RF-AMP
IC101
C1BB00000173
Q101
2SB766ATX
CN101
IC201
SERVO
PROCESSOR
DAC
IC201
MN662748RPWF
The following symbols are shown on the schematic diagram.
10V
5V
CD (L.R)
To Main P.C.B.
E-6778A CN620 <CQ-JS0920F>
E-6739Aa CN620 <CQ-JS0921F>
CN402
P.GND
R.AUDIO
AUDIO.COM
L.AUDIO
5V
CD.ON
SCKM
SOMI
SIMO
BATT+5V
RESET
SW1
SW3
10V
XL201
16.9M
D201
YEAD1SS355T1
IC601
FOCUS/TRACKING
TRAVERSE/LOADING
MOTOR
DRIVER
IC601
C0GBY0000004
IC901
SPINDLE
MOTOR
DRIVER
IC901
C0GBY0000003
IC401
CPU
IC401
MN101C117AD
XL451
4.19M
L451
D401
MA151WKTX
Q451
YEANC113ZKTX
Q1
YEADPS1101W
Q3
YEADPS1101W
Q6
YEADPS1101W
E-8636Ab
D1
YEADAN1102W
D3
YEADAN1102W
D6
YEADAN1102W
E-8636Ac
CN902
CN901
SPN-
SPN+
SW5(INNER)
TRV-
TRV+
E-8636Ad
JLDY
JLDB
LM(-)
LM(+)
D601
YEAD1SS355T1
A.GND
A.5V
P.GND
D.5V
2V/DIV.5mS/DIV
2V/DIV.1uS/DIV
2V/DIV.20uS/DIV
2V/DIV.10uS/DIV
2V/DIV.2uS/DIV
2V/DIV.50nS/DIV
1V/DIV.50nS/DIV
2V/DIV.5uS/DIV
2V/DIV.0.2uS/DIV
2V/DIV.10mS/DIV
2V/DIV.2mS/DIV

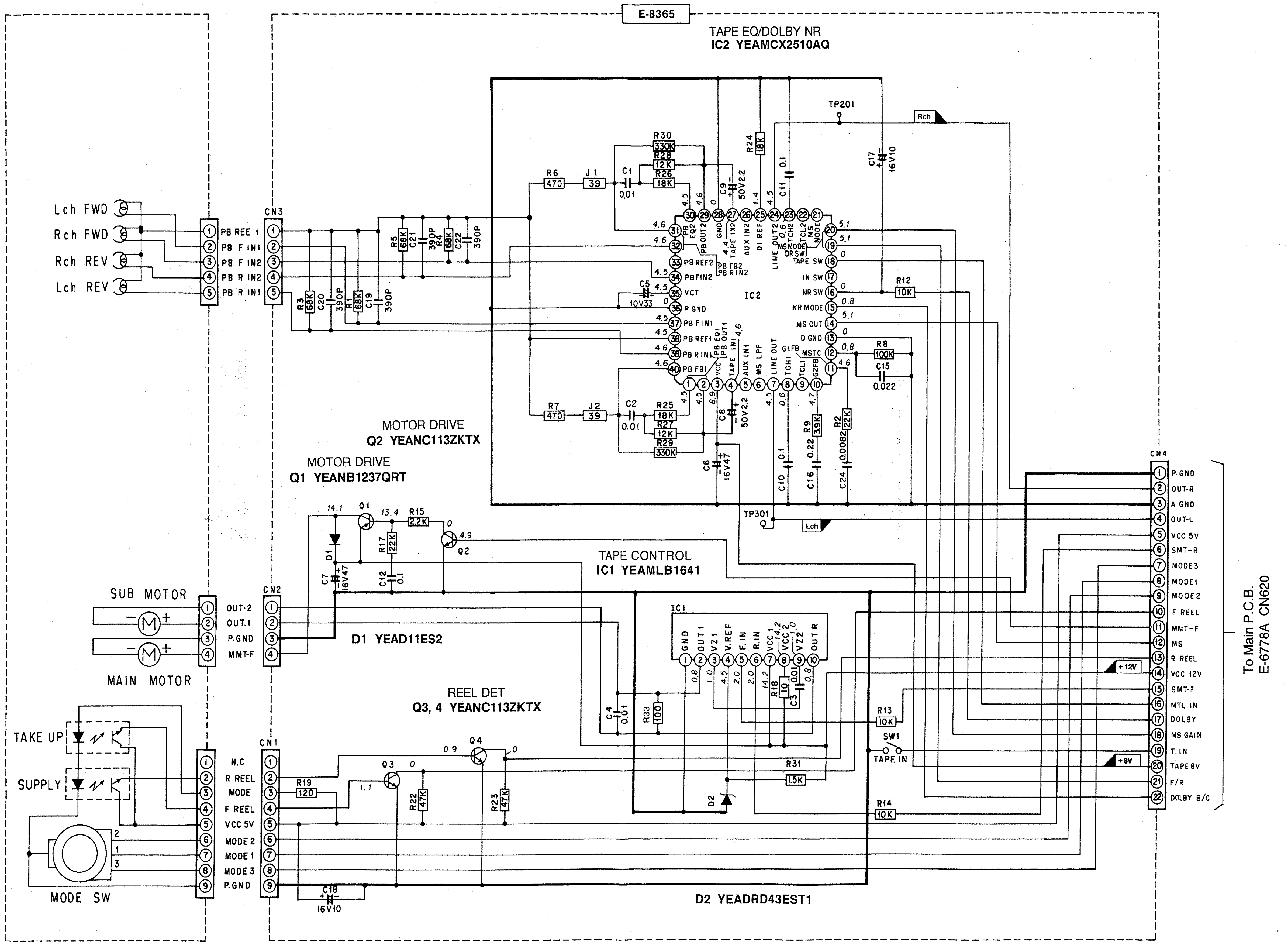
25.5. CD Servo Block <CQ-JS0920/0921F>


E-8636Aa
E-8636Ac
E-8636Ad
E-8636Ab
CN101
CN901
CN402
IC101 RF-AMP C1BB00000173
Q101 2SB766ATX
IC201 SERVO PROCESSOR DAC
IC201 MN662748RPWF
IC601 FOCUS/TRACKING TRAVERSE/LOADING MOTOR DRIVER
IC601 C0GBY0000004
IC901 SPINDLE MOTOR DRIVER
IC901 C0GBY0000003
IC401 CPU
IC401 MN101C117AD
XL201 16.9M
XL451 4.19M
D201 YEAD1SS355T1
D601 YEAD1SS355T1
D401 MA151WKTX
Q451 YEANC113ZKTX
Q1 YEADPS1101W
Q3 YEADPS1101W
Q6 YEADPS1101W
D1 YEADAN1102W
D3 YEADAN1102W
D6 YEADAN1102W
SW2 ESE102MH2
SW4 YEAS09276
To Main P.C.B.
E-6778A CN620 <CQ-JS0920F>
E-6739Aa CN620 <CQ-JS0921F>

The following symbols are shown on the schematic diagram.

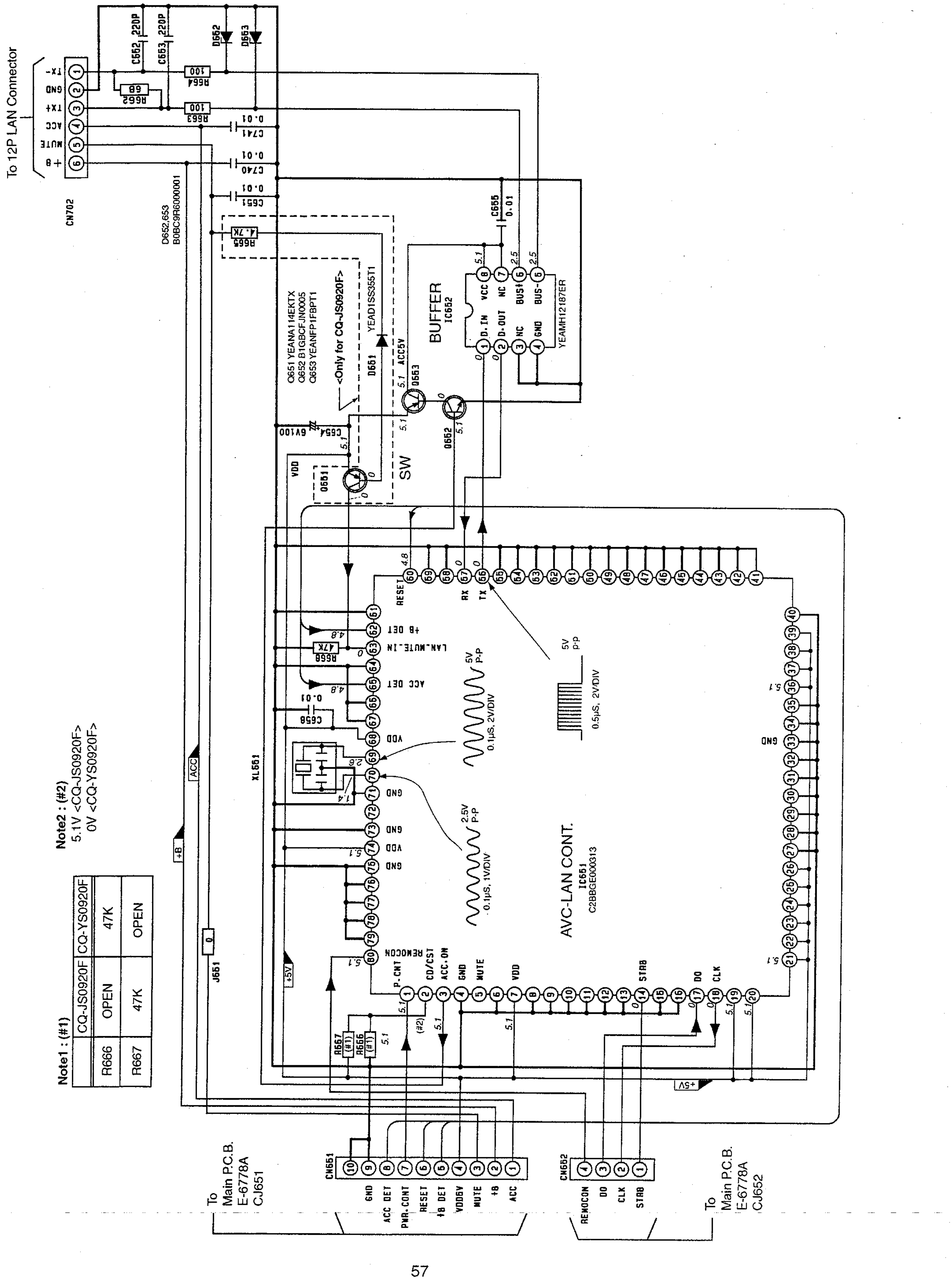
10V	10V
5V	5V
⇦	CD (L.R)

25.6. Tape Block <CQ-YS0920F>


E-8365
TAPE EQ/DOLBY NR
IC2 YEAMCX2510AQ
MOTOR DRIVE
Q2 YEANC113ZKTX
MOTOR DRIVE
Q1 YEANB1237QRT
TAPE CONTROL
IC1 YEAMLB1641
D1 YEAD11ES2
REEL DET
Q3, 4 YEANC113ZKTX
D2 YEADRD43EST1
Lch FWD
Rch FWD
Rch REV
Lch REV
CN3
PB REE 1
PB F IN1
PB F IN2
PB R IN2
PB R IN1
SUB MOTOR
MAIN MOTOR
CN2
OUT-2
OUT-1
P.GND
MMT-F
TAKE UP
SUPPLY
MODE SW
CN1
N.C
R REEL
MODE
F REEL
VCC 5V
MODE 2
MODE 1
MODE 3
P.GND
CN4
P.GND
OUT-R
A GND
OUT-L
VCC 5V
SMT-R
MODE3
MODE1
MODE2
F REEL
MMT-F
MS
R REEL
VCC 12V
SMT-F
MTL IN
DOLBY
MS GAIN
T.IN
TAPE 8V
F/R
DOLBY B/C
To Main P.C.B.
E-6778A CN620
+12V
+8V
TP201
TP301
Rch
Lch
SW1
TAPE IN
R6 470
R7 470
J1 39
J2 39
C1 0.01
C2 0.01
R30 330K
R28 12K
R26 18K
R25 18K
R27 12K
R29 330K
C9 50V2.2
C8 50V2.2
R24 18K
C11 0.1
C17 16V10
C5 10V33
C6 16V47
R12 10K
R8 100K
C15 0.022
C10 0.1
C16 0.22
C24 0.0082
R9 3.9K
R2 22K
R3 68K
C20 390P
R1 68K
C19 390P
R5 68K
C21 390P
R4 68K
C22 390P
IC2
IC1
R15 2.2K
R17 22K
C12 0.1
C7 16V47
D1
Q1
Q2
C4 0.01
R33 100
R18 10
C3 0.01
R13 10K
R31 1.5K
R14 10K
D2
R19 120
Q3
Q4
R22 47K
R23 47K
C18 16V10

26 SCHEMATIC DIAGRAM (2)

26.1. AVC-LAN Block <CQ-JS0920/YS0920F>


To 12P LAN Connector
CN702
TX-
GND
TX+
ACC
MUTE
B+
C652 220P
C653 220P
D652
D653
R664 100
R662 68
R663 100
C741 0.01
C740 0.01
C651 0.01
D652,653 B0BC9R6000001
R665 4.7K
Q651 YEANA114EKTX
Q652 B1GBCFJN0005
Q653 YEANFP1FBPT1
<Only for CQ-JS0920F>
D651 YEADISS355T1
ACC5V
Q653
Q652
Q651
SW
VDD
C654 6V100
BUFFER
IC652
D.IN
D-OUT
NC
GND
VCC
BUS+
BUS-
YEAMH12187ER
C655 0.01
RESET
RX
TX
5V P-P
0.5μS, 2V/DIV
5V P-P
0.1μS, 2V/DIV
2.5V P-P
0.1μS, 1V/DIV
+B DET
LAN-MUTE-IN
R668 47K
ACC DET
C658 0.01
VDD
GND
REMOCON
P.CNT
CD/CST
ACC.ON
MUTE
STRB
DO
CLK
AVC-LAN CONT.
IC651
C2BBGE000313
XL651
ACC
+B
+5V
J651 0
R667 (#1)
R666 (#1)
(#2)
CN651
GND
ACC DET
PWR.CONT
RESET
+B DET
VDD6V
MUTE
+B
ACC
CN652
REMOCON
DO
CLK
STRB
To Main P.C.B. E-6778A CJ651
To Main P.C.B. E-6778A CJ652

Note1 : (#1)

	CQ-JS0920F	CQ-YS0920F
R666	OPEN	47K
R667	47K	OPEN

Note2 : (#2)
5.1V <CQ-JS0920F>
0V <CQ-YS0920F>

PARTS AVAILABILITY

HOW TO ORDER REPLACEMENT PARTS

Replacement parts can be ordered from either a Parts Depot or directly from Toyota Motor Corporation. When ordering, please refer to the Replacement Parts List in this service manual to insure that you receive the correct part.
Please enter not only part number(s) but also unit number of TOYOTA car radio/car stereo in a REMARKS column of the order sheet.

DISPONIBILIDAD DE PARTES DE REPUESTO

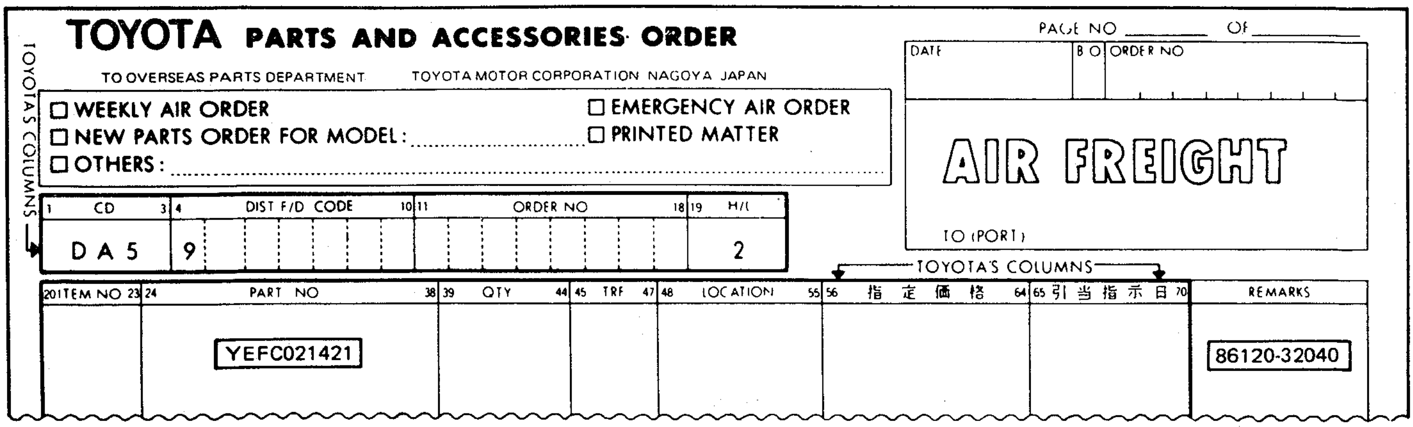
METODO DE HACER PEDIDOS DE PARTES DE REPUESTO

Partes de repuesto pueden pedirse tanto a un Depósito de Partes de Repuesto (Parts Depot) como directamente a la Toyota Motor Corporation. En hacer los pedidos, refiérase a la Lista de Partes de Repuesto que se encuentra en este manual de servicio a fin de asegurarse de su recibo de las partes correctas.
Favor llenar la columna OBSERVACIONES de la hoja de pedido no solamente con el (los) número(s) de part(s) sino también con el número de la unidad de radio/estéreo de carro, TOYOTA.

DISPONIBILITE DE PIECES

MOYEN DE COMMANDER DES PIECES DE RECHANGE.

Les pièces de rechange seront commandées au Depôt de Pièces (Parts Depot) ou directement à Toyota Motor Corporation. Lors d'une commande, veuillez consulter le Liste de pièces de rechange dans ce manuel d'atelier pour être sûr que vous recevez la pièce exacte. Veuillez écrire non seulement le(s) numéro(s) de pièce mais aussi le numéro d'unité de TOYOTA auto-radio/auto-stéréo dans la colonne REMARQUES du bulletin de commande.



TOYOTA PARTS AND ACCESSORIES ORDER

TO OVERSEAS PARTS DEPARTMENT TOYOTA MOTOR CORPORATION NAGOYA JAPAN

PAGE NO ________ OF ________

DATE | B O | ORDER NO

☐ WEEKLY AIR ORDER ☐ EMERGENCY AIR ORDER
☐ NEW PARTS ORDER FOR MODEL: .... ☐ PRINTED MATTER
☐ OTHERS: ....

AIR FREIGHT

TO (PORT)

TOYOTA'S COLUMNS

1 CD 3	4 DIST F/D CODE 10	11 ORDER NO 18	19 H/C
DA5	9		2

20 ITEM NO 23	24 PART NO 38	39 QTY 44	45 TRF 47	48 LOCATION 55	56 指定価格 64	65 引当指示日 70	REMARKS
	YEFC021421						86120-32040

U.S.A. — PANASONIC PARTS DEPOT

EASTERN REGIONAL PARTS DEPOT
1225 NORTHBROOK PARKWAY SUITE 2-400
SUWANEE, GA 30174
PHONE : (404) 388-6800

WESTERN REGIONAL PARTS DEPOT
20421 84TH AVE. SOUTH
KENT, WA 98032
PHONE : (206)-395-7343

CANADA — PANASONIC PARTS DEPOT

TRONTO
PANASONIC CANADA INC.
5770 AMBLER DRIVE, MISSISSAUGA, ONTARIO L4W 2T3
PHONE : (905)-624-5010

EUROPE — PANASONIC PARTS DEPOT

HAMBURG
PANASONIC SERVICE DEUTSCHLAND G.M.B.H.
2000 HAMBURG 28 AUSSCHLAGER BILLDEICH 32 F.R. GERMANY
PHONE : (040)-789511

SCANDINAVIA — PANASONIC PARTS DEPOT

STOCKHOLM
PANASONIC SERVICE SCANDINAVIAN A.B.
INSTRUMENTVAGEN 29-31, BOX 43047,
100 72 STOCKHOLM, SWEDEN
PHONE : 08-190180

AUSTRALIA — PANASONIC PARTS DEPOT

SYDNEY
PANASONIC AUSTRALIA PTY. LTD
1 GARIGAL ROAD, BELROSE, N.S.W. 2085
PHONE : (02)-986-7640

MELBOURNE
PANASONIC AUSTRALIA PTY. LTD
1 CARIBBEAN DRIVE, SCORESBY VIC. 3179
PHONE : (03)-213-8888

ADELAIDE
PANASONIC AUSTRALIA PTY. LTD
125 PORT ROAD, HINDMARSH S.A. 5007
PHONE : (08)-346-3999

BRISBANE
PANASONIC AUSTRALIA PTY. LTD
494 NUDGEE ROAD, HENDRA QUEENSLAND. 4012
PHONE : (07)-268-6455

PERTH
PANASONIC AUSTRALIA PTY. LTD
37 KEWDALE ROAD, WELSHPOOL, W.A. 6106
PHONE : (09)-451-7211

OTHER COUNTRIES

Please order from the Overseas Parts Department, Toyota Motor Corporation, using the normal Parts & Accessories Order From for ordering Automobile parts.

OTHER PAISES

Favor hacer pedidos al Departamento de Partes al Ultramar (Overseas Parts Department), Toyota Motor Corporation utilizando el formulario normal de pedido de partes y accesorios que se usa para pedir [illegible] partes de repuestos de automóviles.

AUTRES PAYS

Veuillez commandes au départment de pièces d'outre-mer (Overseas Parts Department), Toyota Motor Corporation, en vous servant du Bulletin de Commande Pièces & Accessoires pour des commandes de pièces d'automobile.

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TOYOTA MOTOR CORPORATION

OVERSEAS SERVICE DIVISION

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